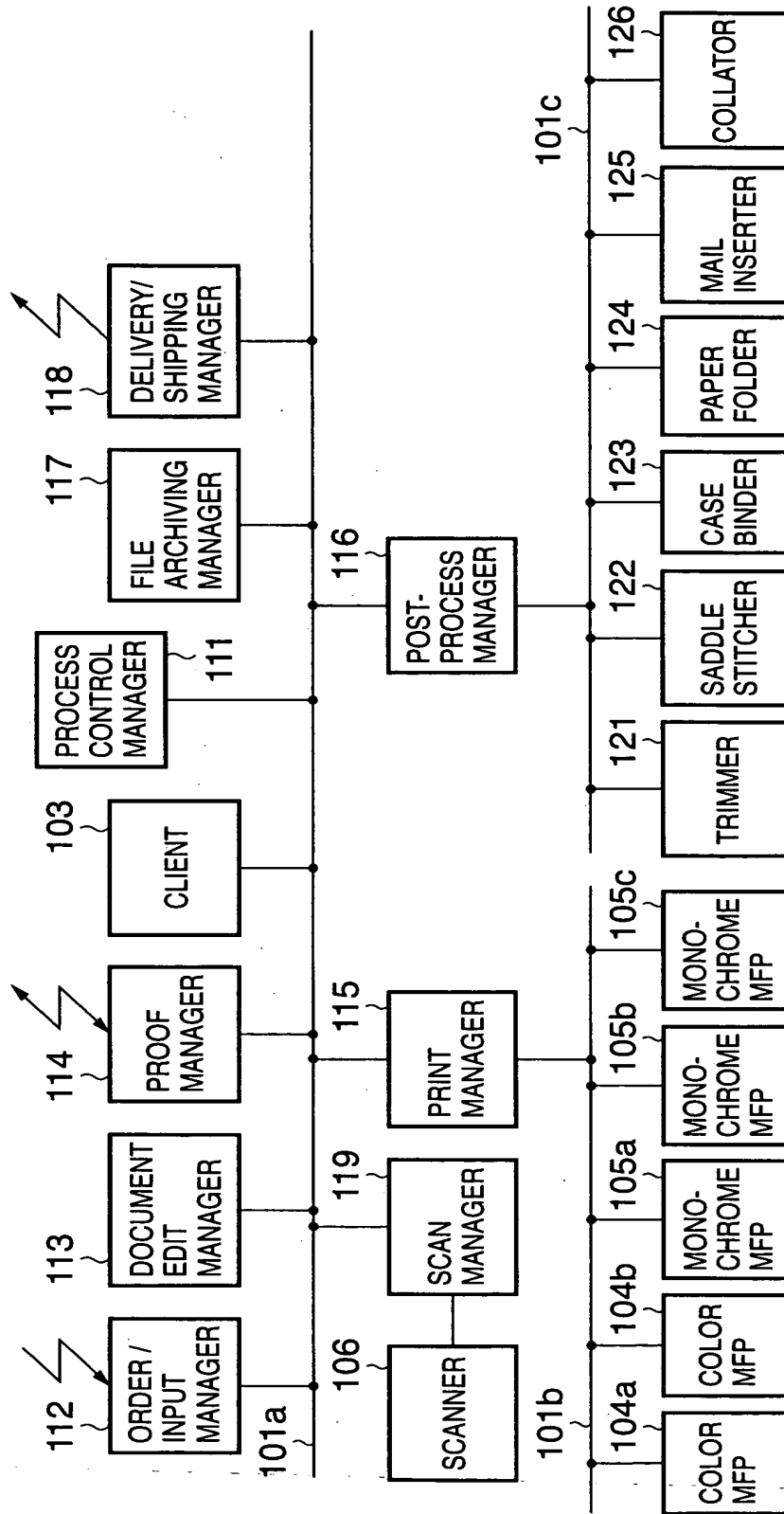
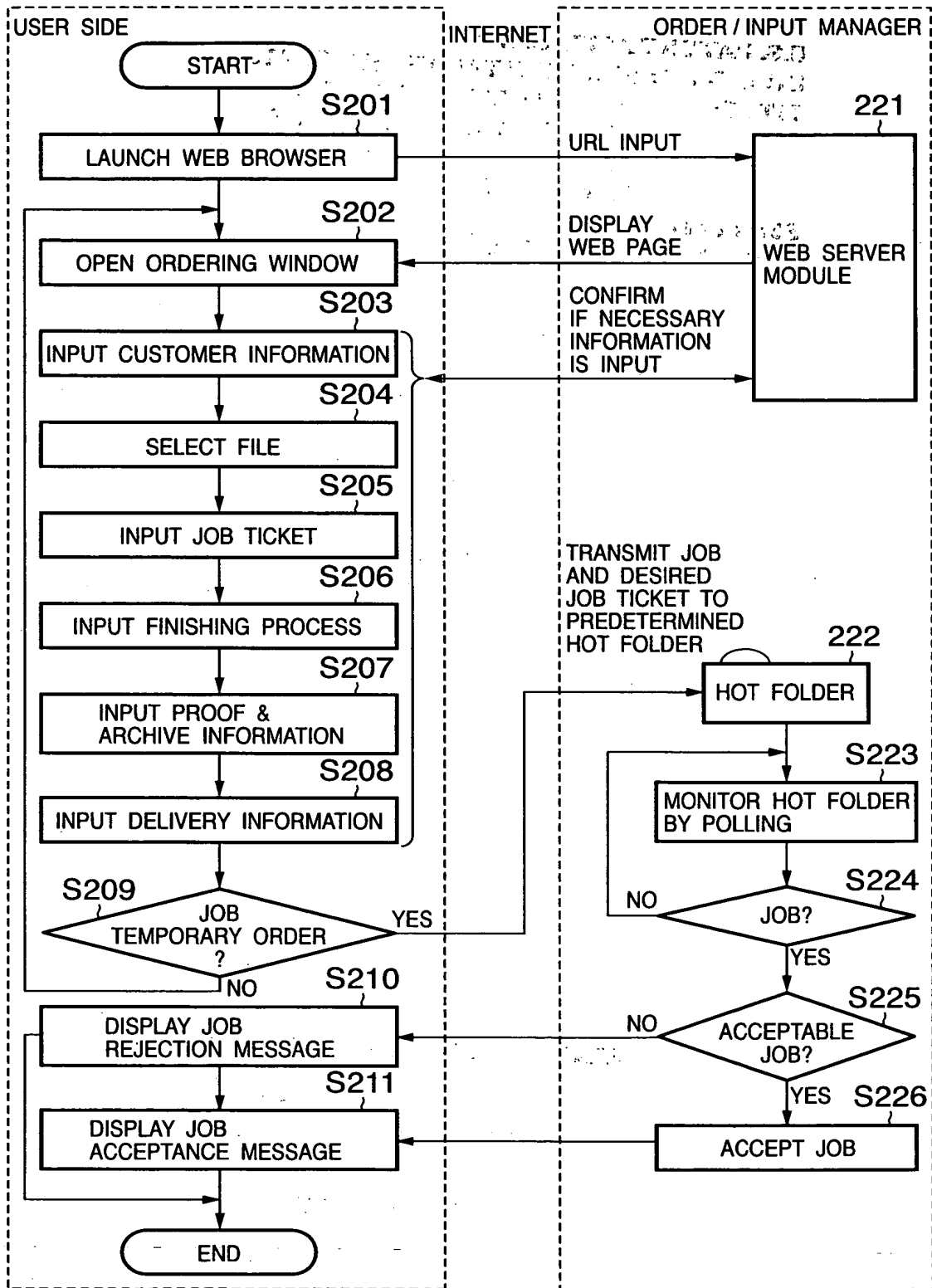


FIG. 1



## FIG. 2



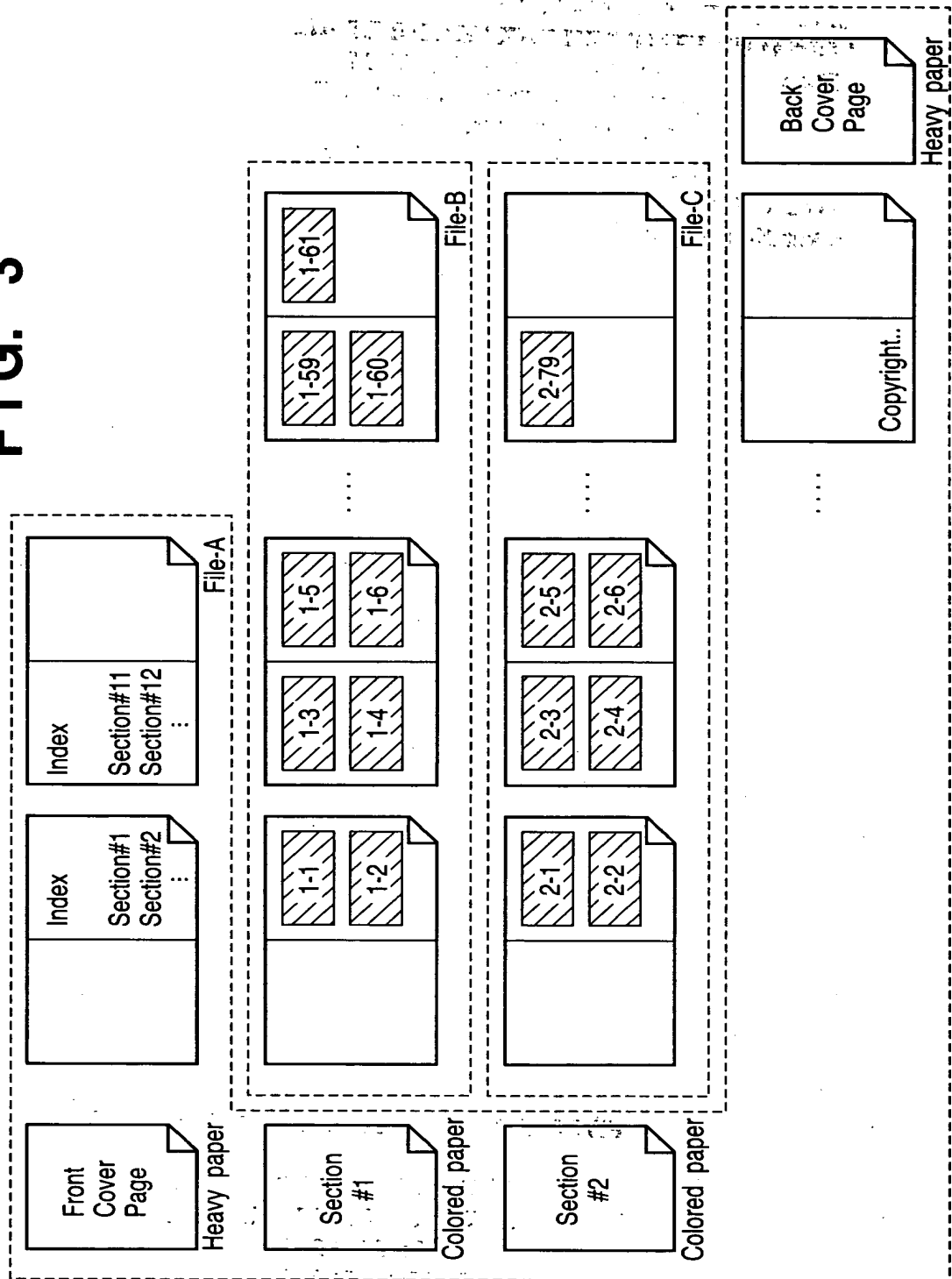


FIG. 4

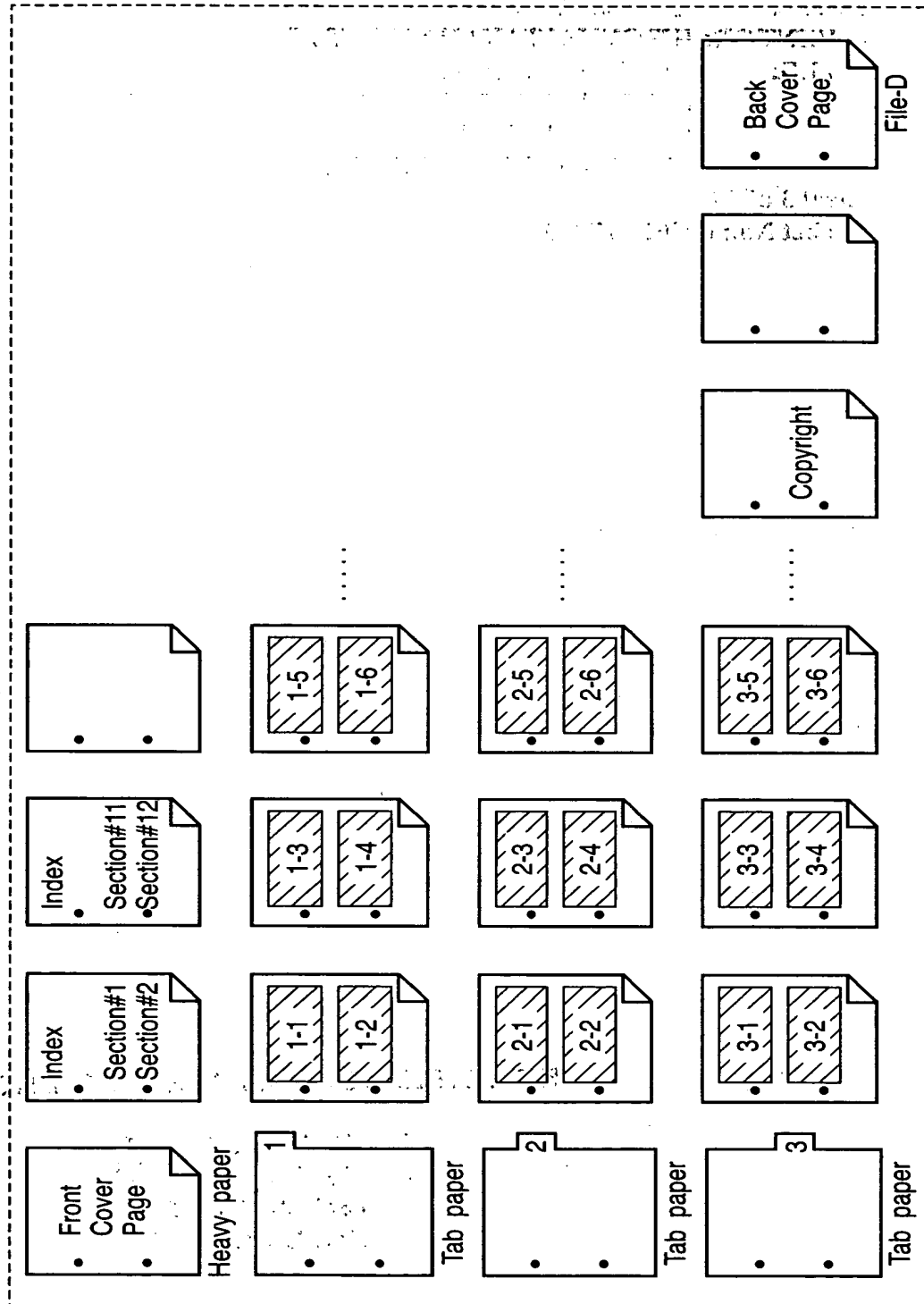


FIG. 5

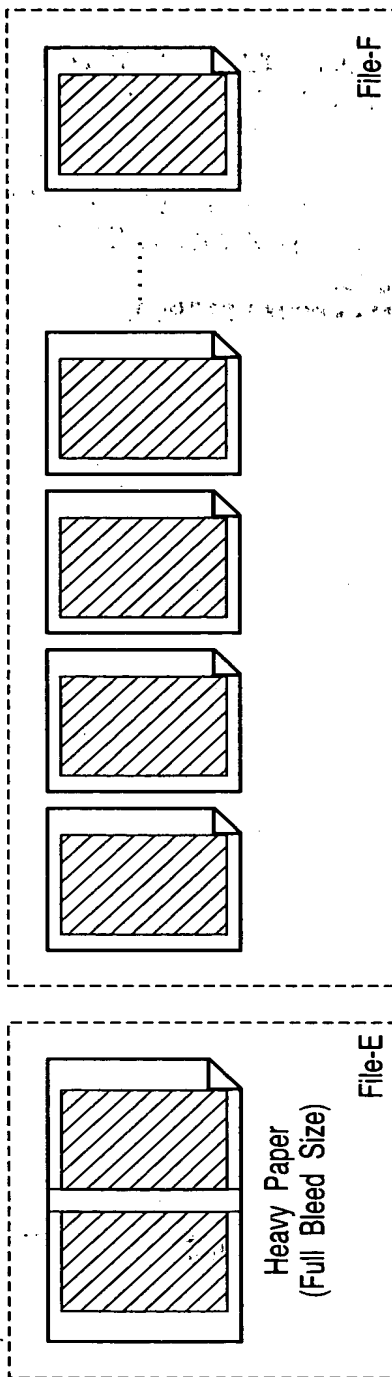
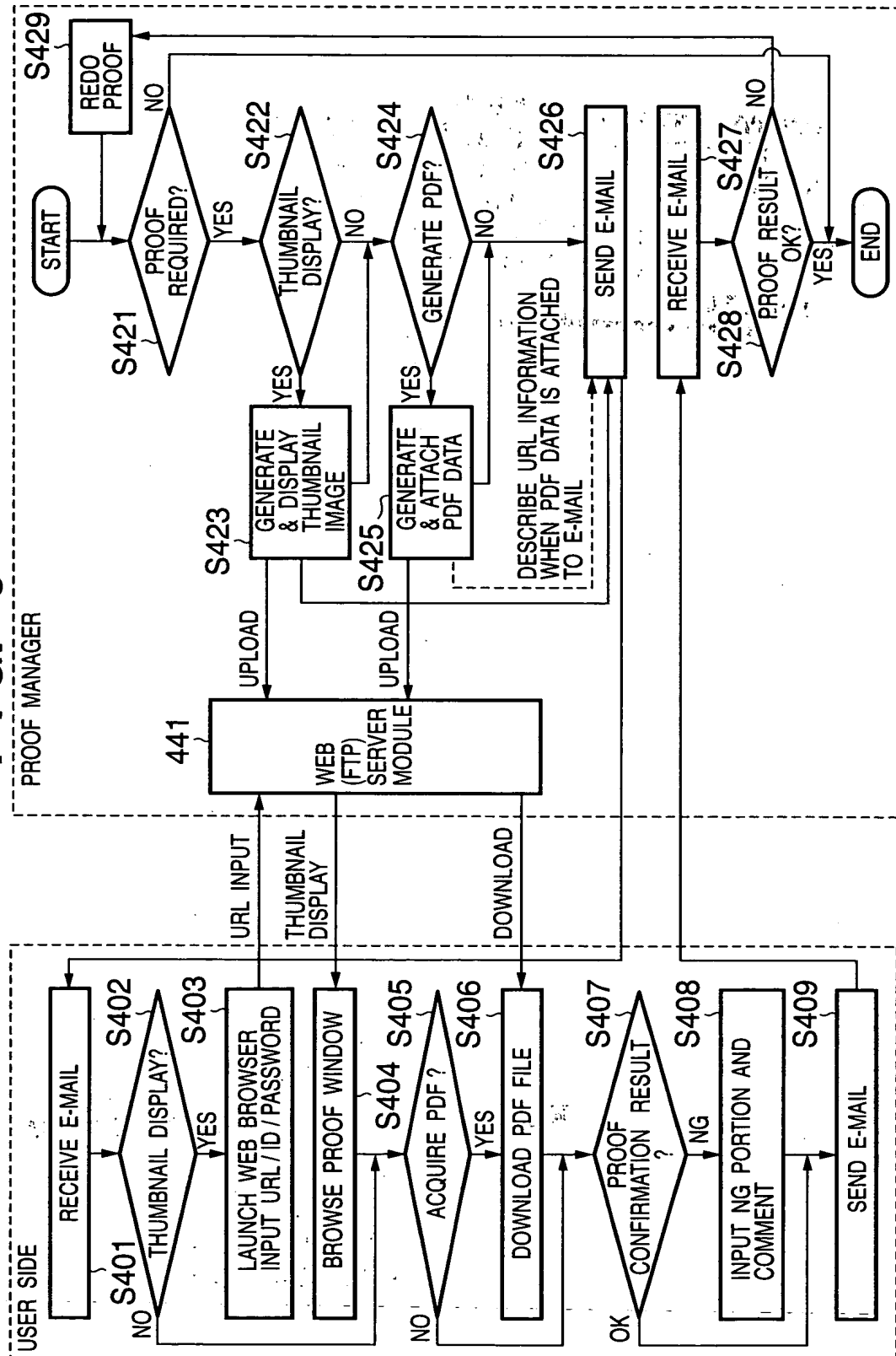
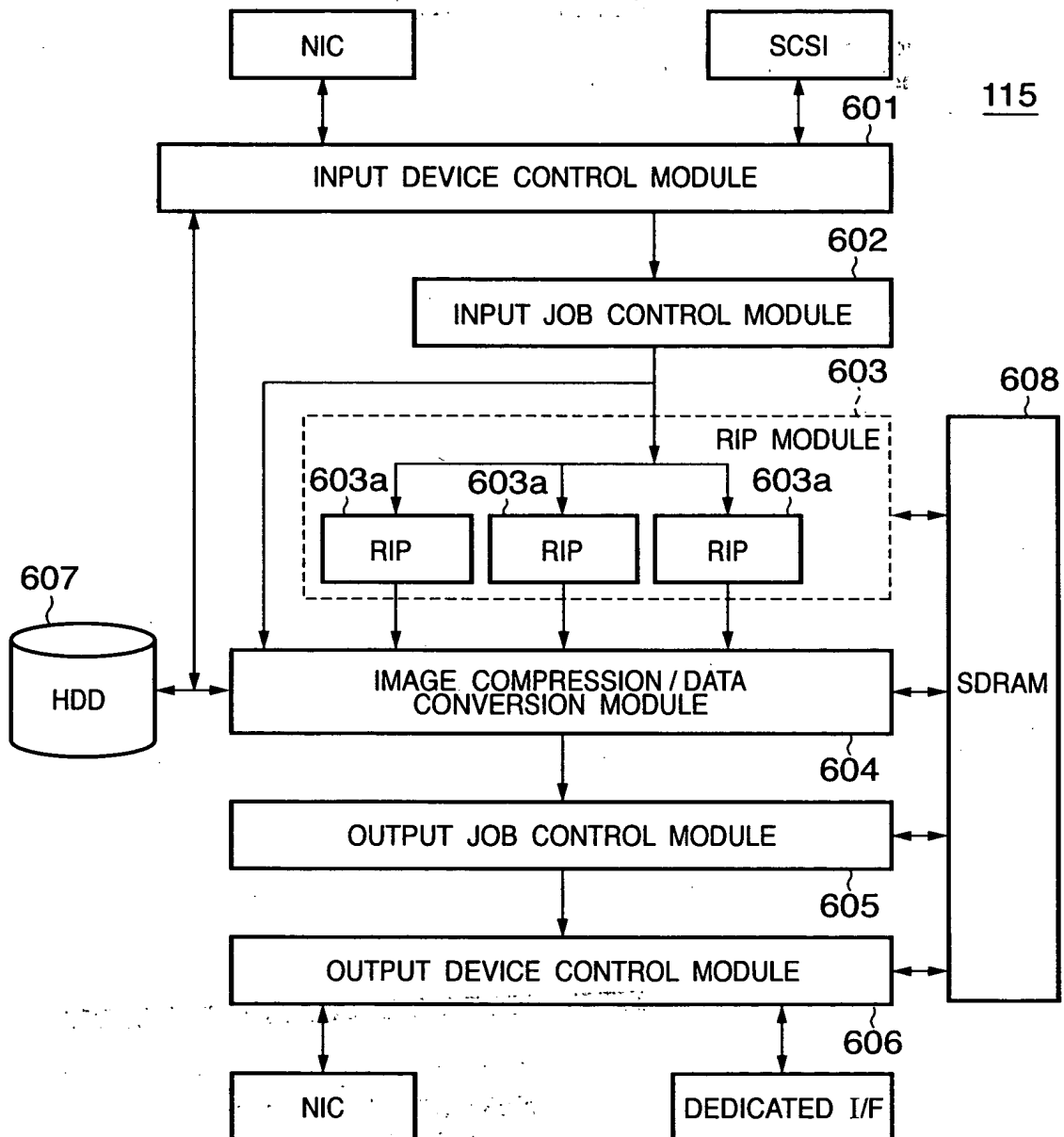
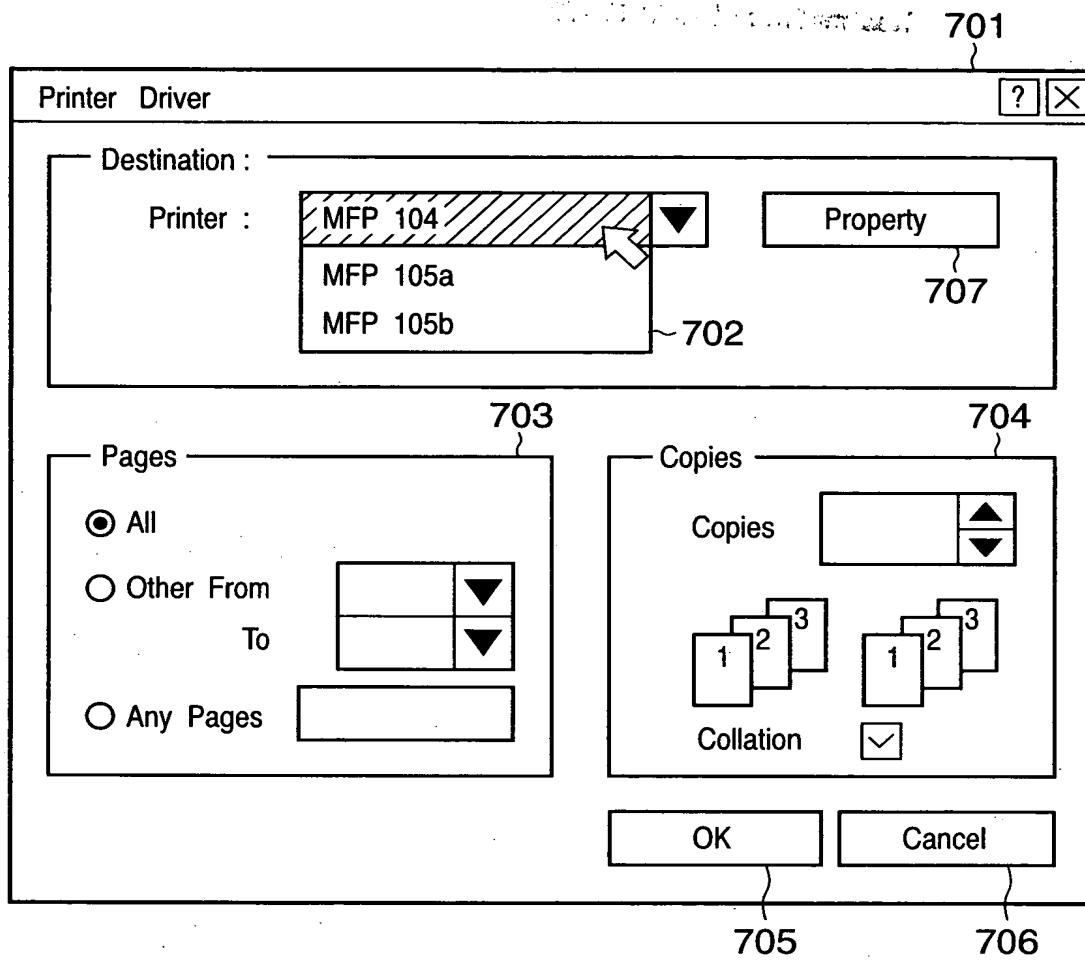


FIG. 6



**FIG. 7**

**FIG. 8**




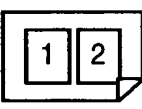
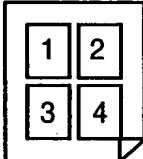
**FIG. 9**


712 713 714 701

Printer Driver Property

711 Paper Graphics Device Options PDL

715 Paper Size :  
☐ Letter ☐ Letter R ☐ 11×17 ☐ Statement

716 Layout :  
☒  1 page ☐  2 page ☐  4 page

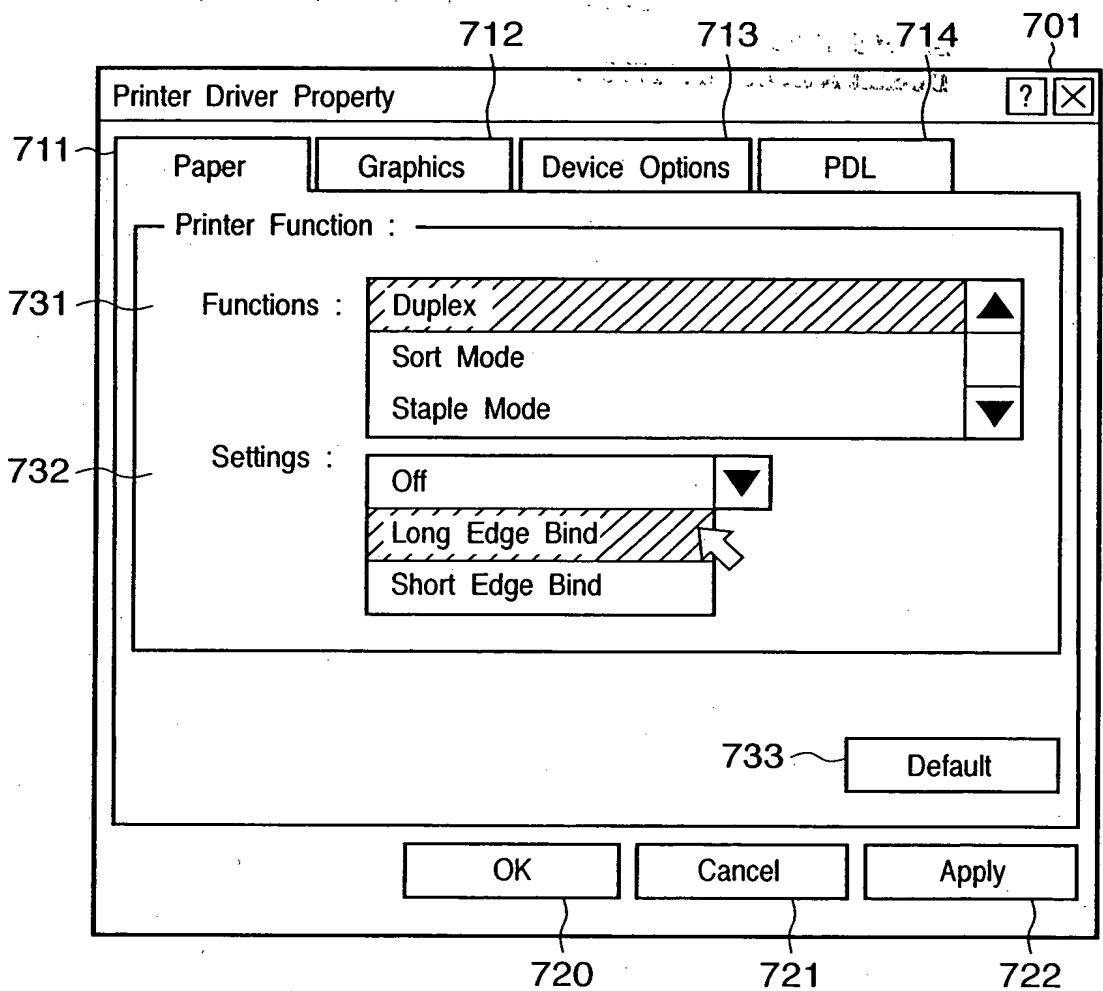
717 Orientation :  
☒  Portrait ☐ Landscape ☐ Rotate 180

Tray : Auto Paper Select 718

Copies : 1 719

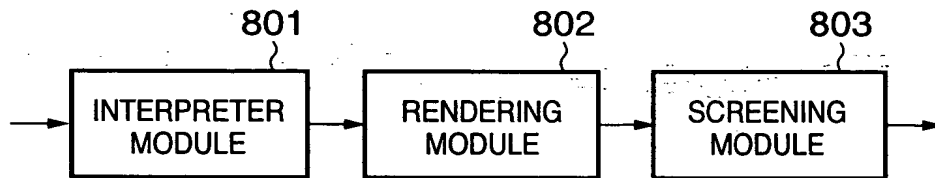
OK 720 Cancel 721 Apply 722

FIG. 10



11/68

**FIG. 11**



12/68

## FIG. 12A

### [DESCRIPTION OF R901]

Char\_color={0.0, 0.0, 0.0, 1.0}

← L911

string1="ABC" ;

← L912

put\_char (0.0, 0.0, 0.2, 0.3, string1) ;

← L913

### [DESCRIPTION OF R902]

line\_color={1.0, 0.0, 0.0, 0.0}

← L921

put\_line (0.9, 0.0, 0.9, 0.1) ;

← L922

### [DESCRIPTION OF R903]

image1={CMYK, 8, 5, C0, M0, Y0, K0,

← L931

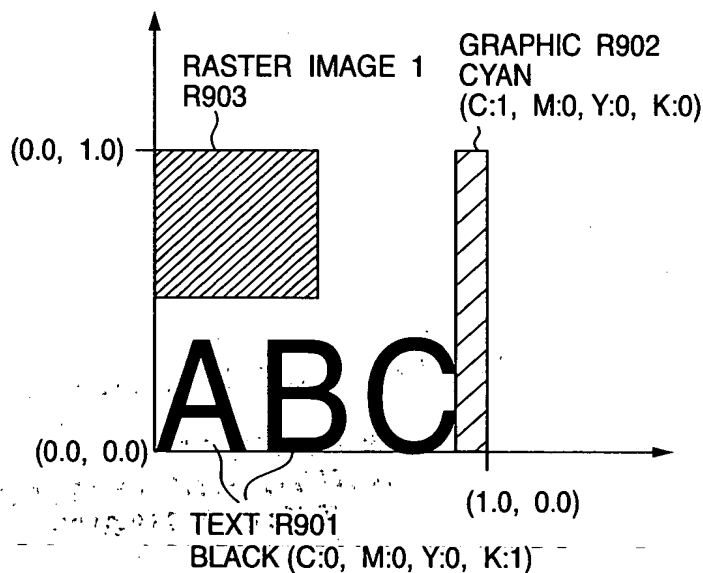
C1, M1, Y1, K1,

C24, M24, Y24, K24} ;

put\_image (0.0, 0.5, 0.5, 0.5, image1) ;

← L932

## FIG. 12B



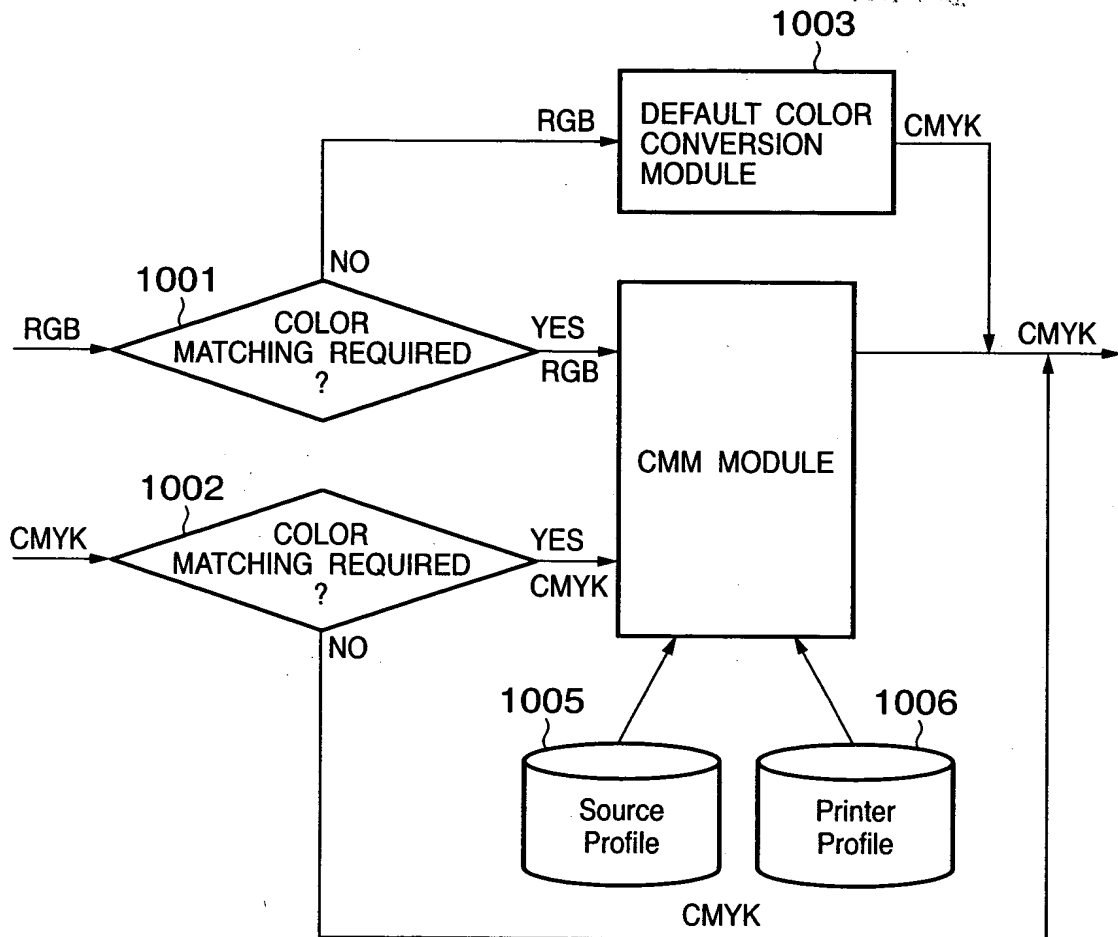
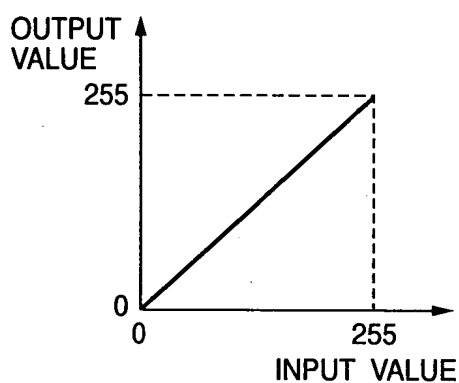
**FIG. 13**

TABLE 14A  
 TABLE 14B  
 TABLE 14C  
 TABLE 14D

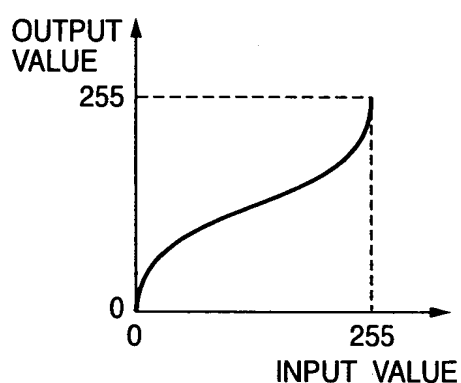
**FIG. 14A**

LINEAR GAMMA TABLE G0



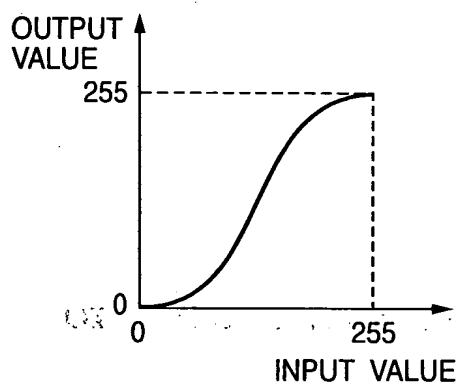
**FIG. 14B**

PRINTER OUTPUT CHARACTERISTICS Gp OF MFP 104a



**FIG. 14C**

GAMMA TABLE Ga FOR MFP 104a



**FIG. 14D**

GAMMA TABLE Gb FOR MFP 104b

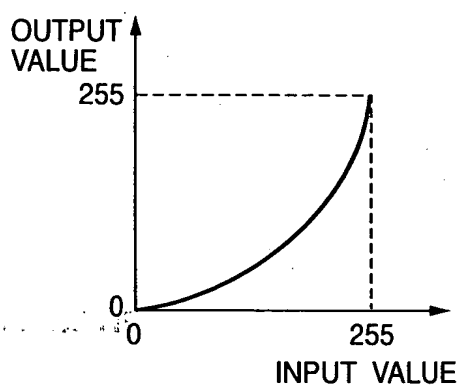
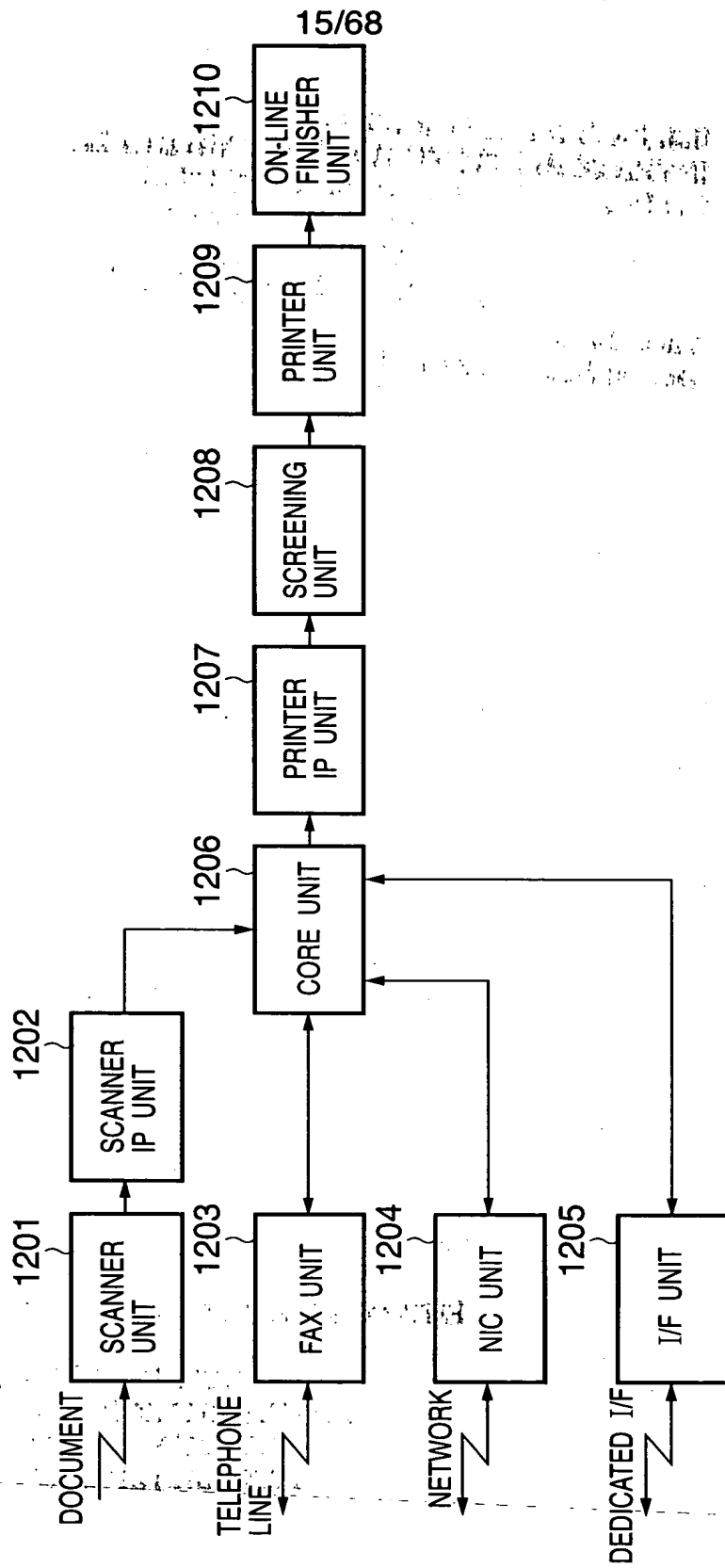
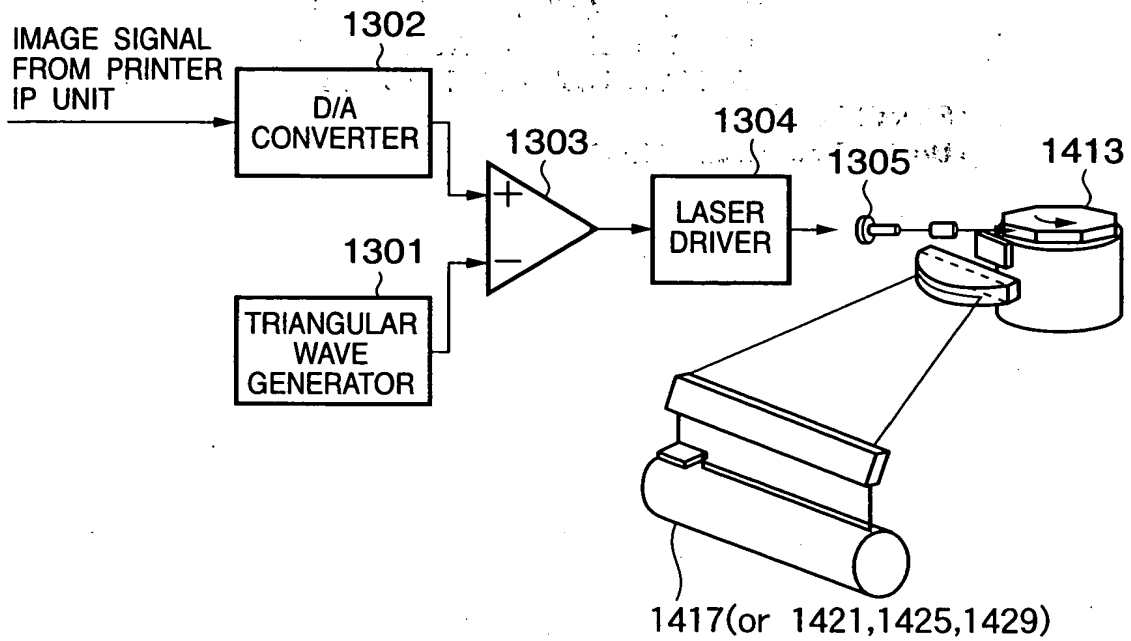
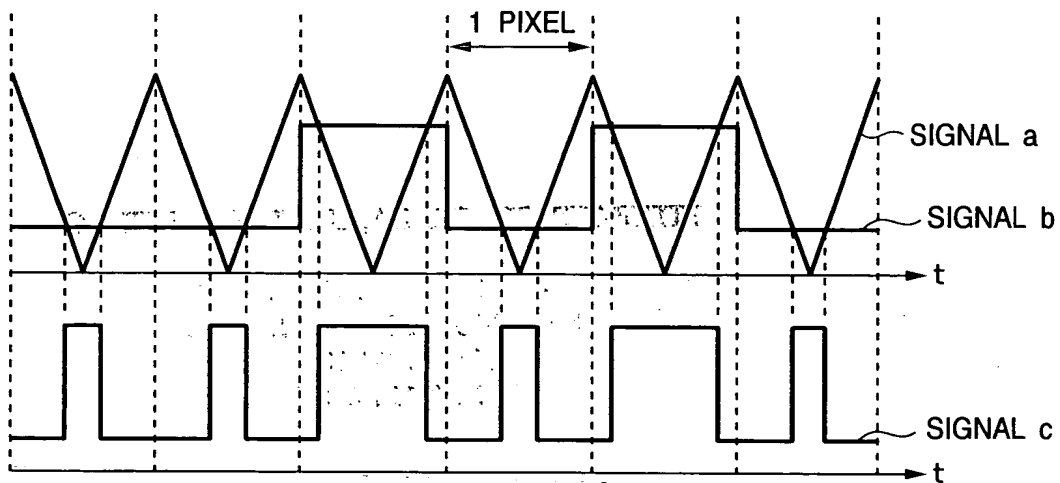


FIG. 15



**FIG. 16A****FIG. 16B**



# FIG. 17

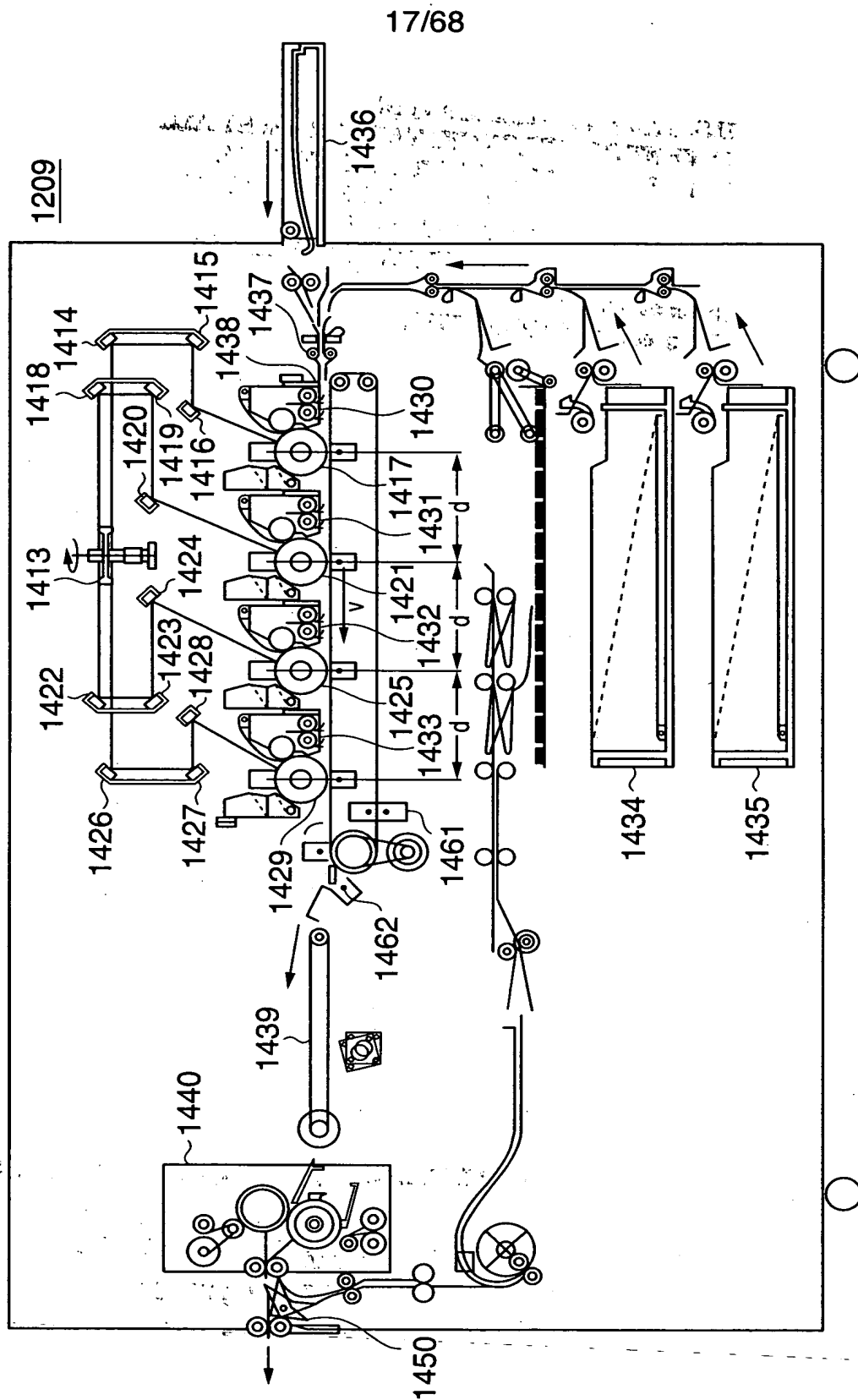


FIG. 18

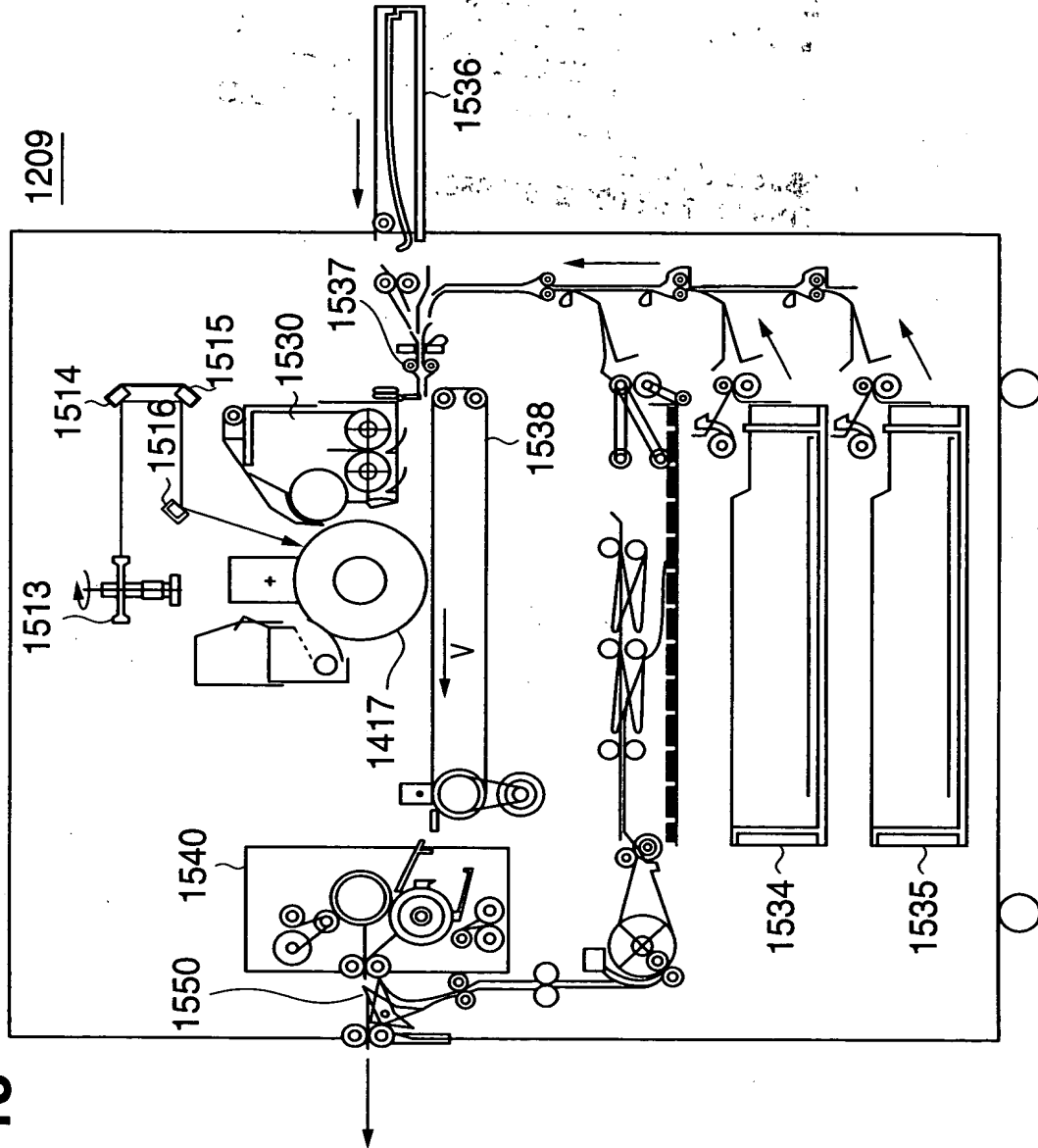


FIG. 19

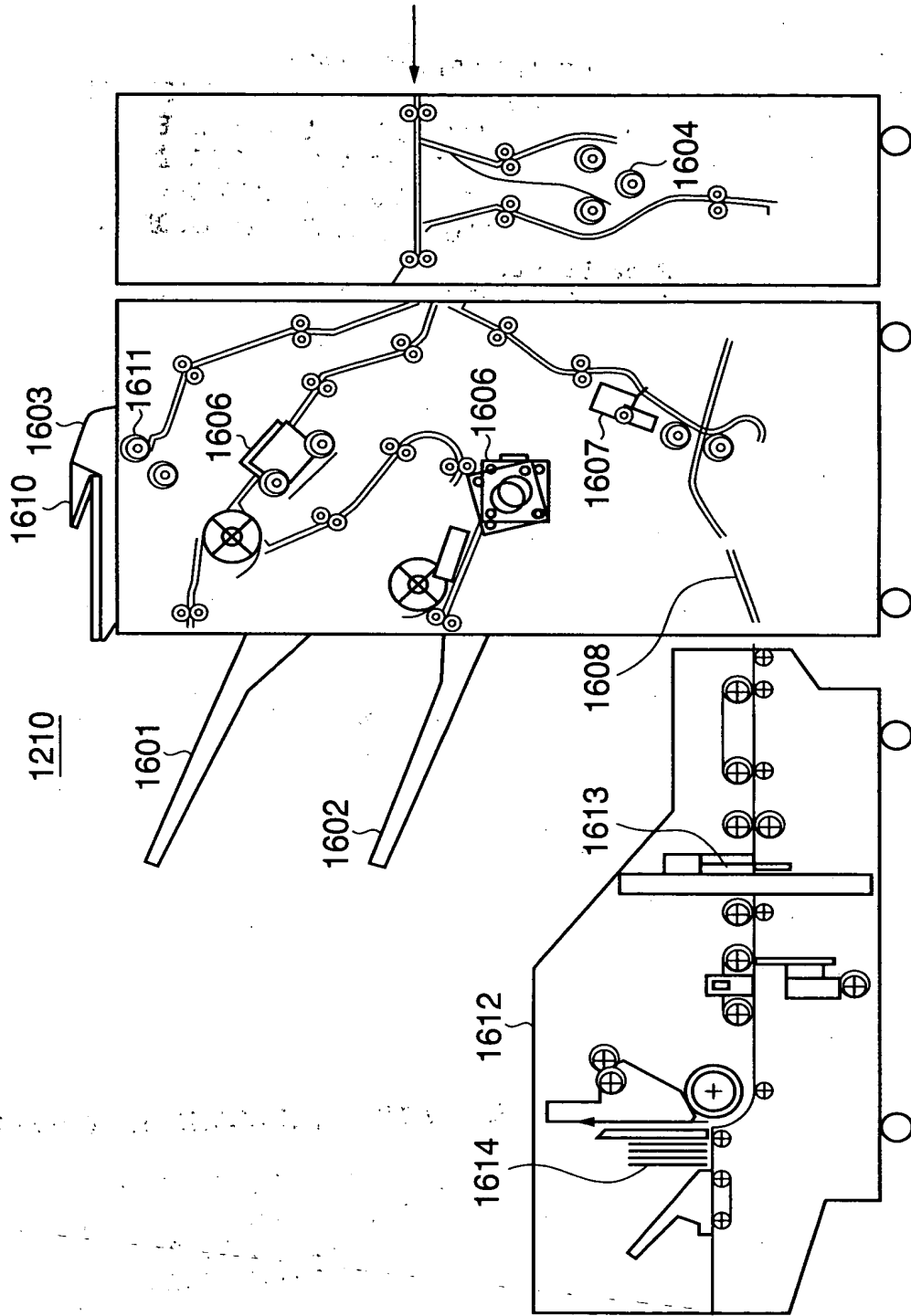


FIG. 20

Scanner Driver

Source : \_\_\_\_\_

Source Device Name : MFP 105a ▼ Property

Scanner 106a  
MFP 104

Preview Image : (mm)

0 100 200 300 400

0 100 200

ABC  
DEF

Method : ADF ▼

Side : Simplex ▼

Image Size : A4 ▼

Resolution : 400dpi ▼

Halftone Mode : Binary ▼

Scan Page : \_\_\_\_\_

☒ All Page : \_\_\_\_\_

☐ Page List :

Image Area : \_\_\_\_\_

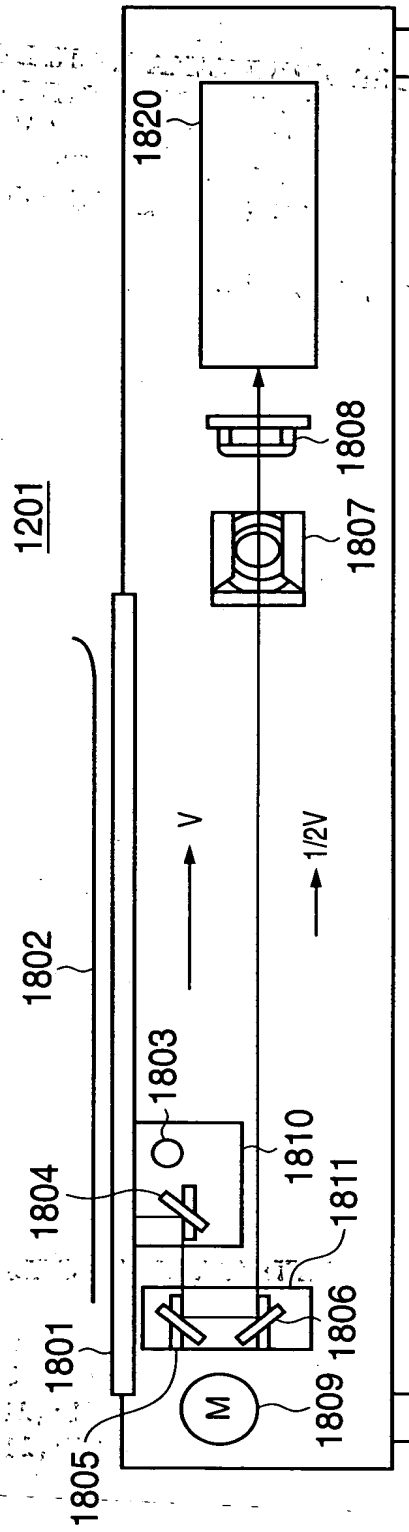
Unit : mm ▼

Width : 210 ▼

Height : 297 ▼

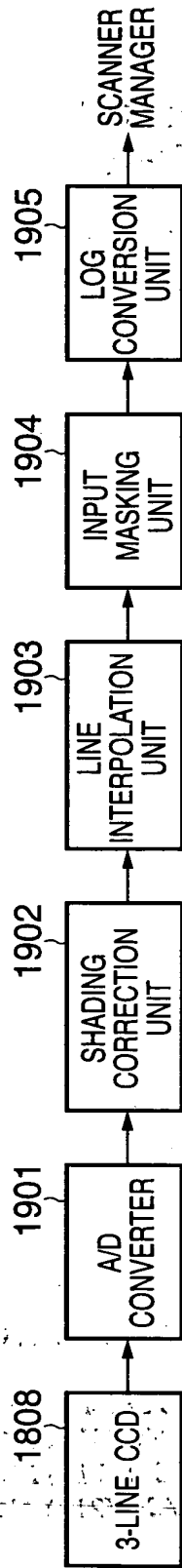
PREVIEW SCAN Cancel

FIG. 21



**FIG. 22A**

IN CASE OF COLOR SCANNER :

**FIG. 22B**

IN CASE OF MONOCHROME SCANNER :

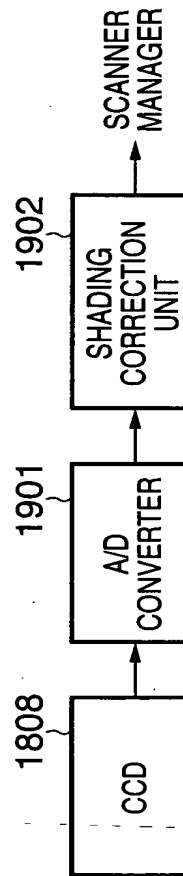


FIG. 23

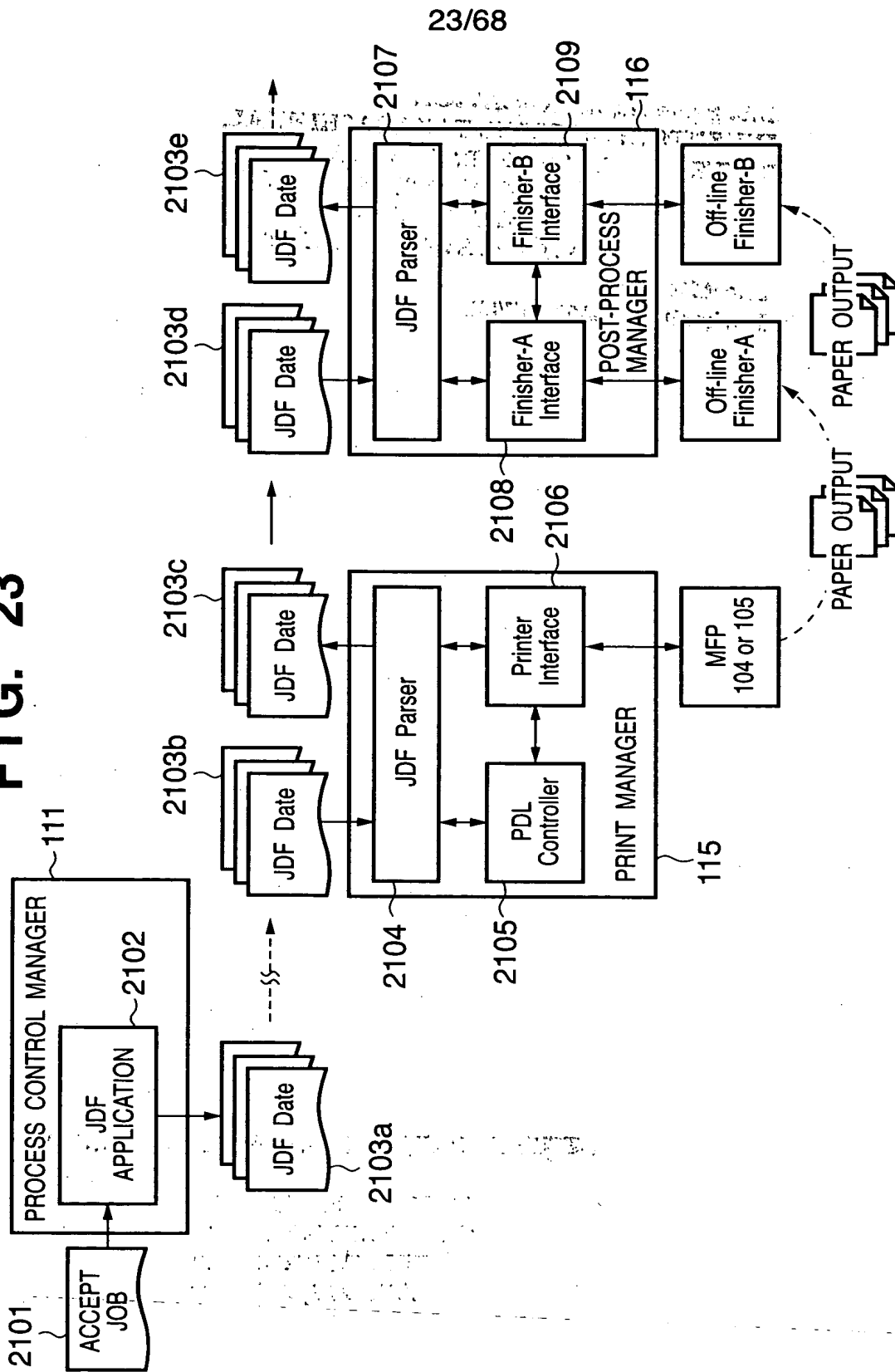


FIG. 24

Web Browser

File Edit View Tool Help

Previous Next Stop Refresh Home Search Print

Address [http://www.\\*\\*\\*.com/index.htm](http://www.***.com/index.htm)

Customer : ☐ New ☒ Registered

E-mail Address : \*\*\*

Password : \*\*\*

Next Cancel

2209 2210



FIG. 25

Web Browser

File Edit View Tool Help

Previous Next Refresh Home Search Print

Address 2201 [http://www.\\*\\*\\*.com/~userid/customerinfo.htm](http://www.***.com/~userid/customerinfo.htm) 2205

Customer Info Document Info Job Info Proof & Archive Delivery Info 2206

2202

2203

Name  
Company  
Address1  
Address2  
City  
State  
Zip  
Country  
Phone  
Fax  
Email

Next Cancel 2209 2210

FIG. 26

Web Browser

File Edit View Tool Help

Previous Next Stop Refresh Home Search Print

Address [http://www.\\*\\*\\*.com/~userid/documentinfo.htm](http://www.***.com/~userid/documentinfo.htm)

Customer Info Document Info Job Info Finishing Info Proof & Archive Delivery Info

Files : (Drag & Drop)

Comments :

Previous Next Cancel

**FIG. 27**

Web Browser									
File		Edit		View		Tool		Help	
Previous	Next	Stop	Refresh	Home	Search	Print			
Address <span style="float: right;">2201 2202 2203 2204 2205 2206</span> <input style="width: 80%;" type="text" value="http://www.***.com/~userid/jobinfo.htm"/>									
Customer Info		Document Info		Job Info		Finishing Info		Proof & Archive	
Copies : 100		Paper Size : A4		Media Type : Plain Paper		Duplex : Off		Orientation : Printer's Default	
Color / B&W : <input checked="" type="radio"/> Color <input type="radio"/> B&W <input type="radio"/> Mixed		Page List : All		Imposition : None		N-up : 4 up			
Detail		Previous		Next		Cancel			

**FIG. 28**

Web Browser												
File	Edit	View	Tool	Help								
Address: http://www.***.com/~userid/finishinginfo.htm												
Customer Info	Document Info	Job Info	Finishing Info	Proof & Archive								
Delivery Info												
<p>Finishing :</p> <table> <tr> <td> <input checked="" type="radio"/> Staple(Single)</td> <td> <input type="radio"/> Staple(Double)</td> <td> <input type="radio"/> Punch</td> <td> <input type="radio"/> Envelope</td> </tr> <tr> <td> <input type="radio"/> Saddle Stitch</td> <td> <input type="radio"/> Case Binder</td> <td> <input type="radio"/> Spiral Binder</td> <td> <input type="radio"/> Trim</td> </tr> </table>					<input checked="" type="radio"/> Staple(Single)	<input type="radio"/> Staple(Double)	<input type="radio"/> Punch	<input type="radio"/> Envelope	<input type="radio"/> Saddle Stitch	<input type="radio"/> Case Binder	<input type="radio"/> Spiral Binder	<input type="radio"/> Trim
<input checked="" type="radio"/> Staple(Single)	<input type="radio"/> Staple(Double)	<input type="radio"/> Punch	<input type="radio"/> Envelope									
<input type="radio"/> Saddle Stitch	<input type="radio"/> Case Binder	<input type="radio"/> Spiral Binder	<input type="radio"/> Trim									

# FIG. 29

Web Browser

File

Edit

View

Tool

Help

Previous

Next

Stop

Refresh

Home

Search

Print

?

×

Address

http://www.\*\*\*.com/~userid/proofarchiveinfo.htm

2201

2202

2203

2204

2205

2206

Customer Info

Document Info

Job Info

Finishing Info

Proof & Archive

Delivery Info

Proof Printing :

ON

2220

Methods :

☒ Thumbnail on web site

2221

☒ PDF file on ftp site

2222

☐ PDF file by E-mail (less than 1MB)

2223

☐ PDF file in CD-ROM by post

2224

Comments :

Methods :

☒ PDL File

☒ Printer Ready File

Archive Directory :

Restore :

☒ Re-Print

☒ Re-RIP

Restore Job Number :

Detail

Previous

Next

Cancel

2207

2208

2209

2210

FIG. 30

Web Browser

File Edit View Tool Help

Previous Next Stop Refresh Home Search Print

Address [http://www.\\*\\*\\*.com/~userid/deliveryinfo.htm](http://www.***.com/~userid/deliveryinfo.htm)

Customer Info Document Info Job Info Finishing Info Proof & Archive Delivery Info

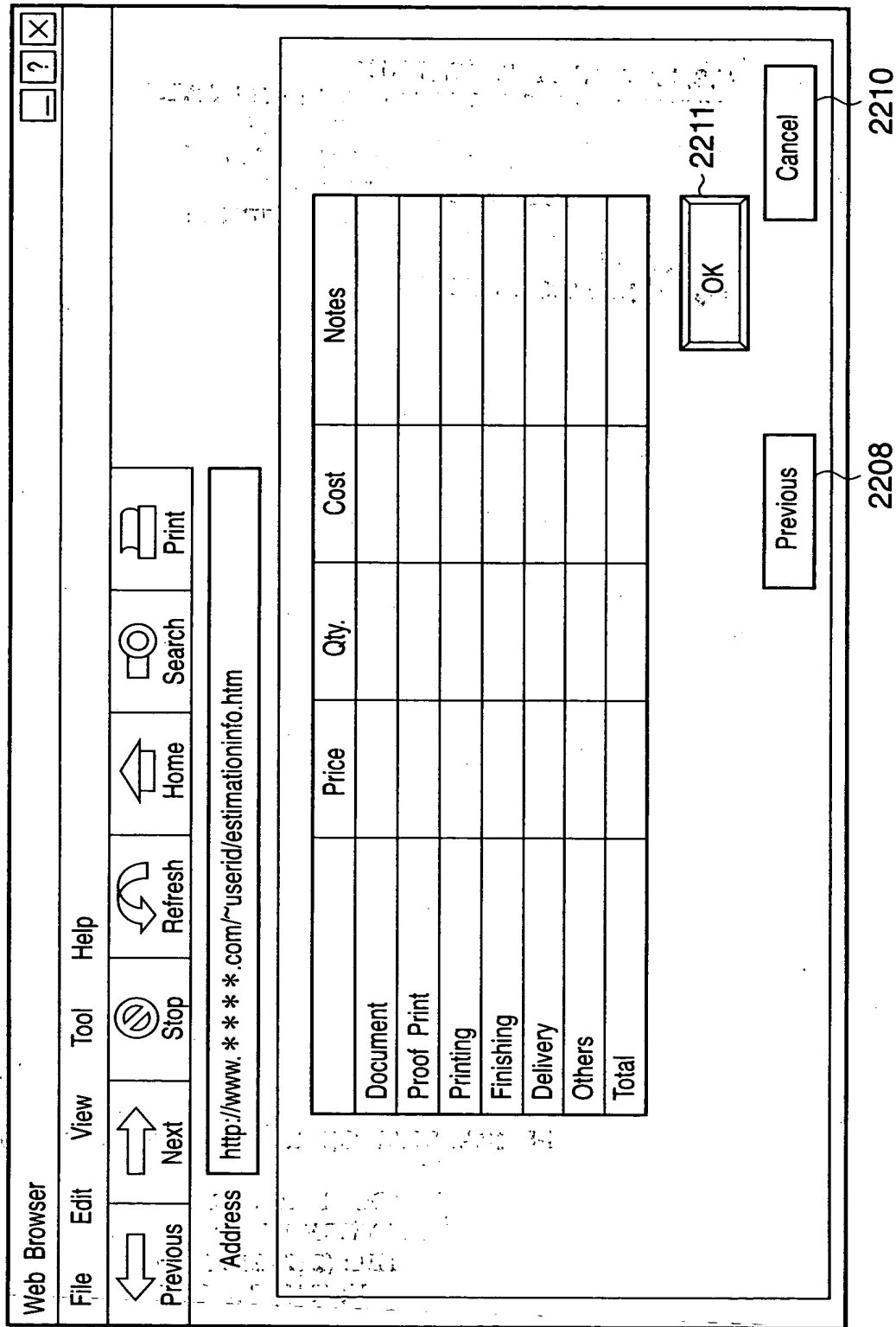
Delivery Schedule : 2002 10 22

Job Priority : Medium

Comments :

Previous Next Cancel

# FIG. 31



# FIG. 32

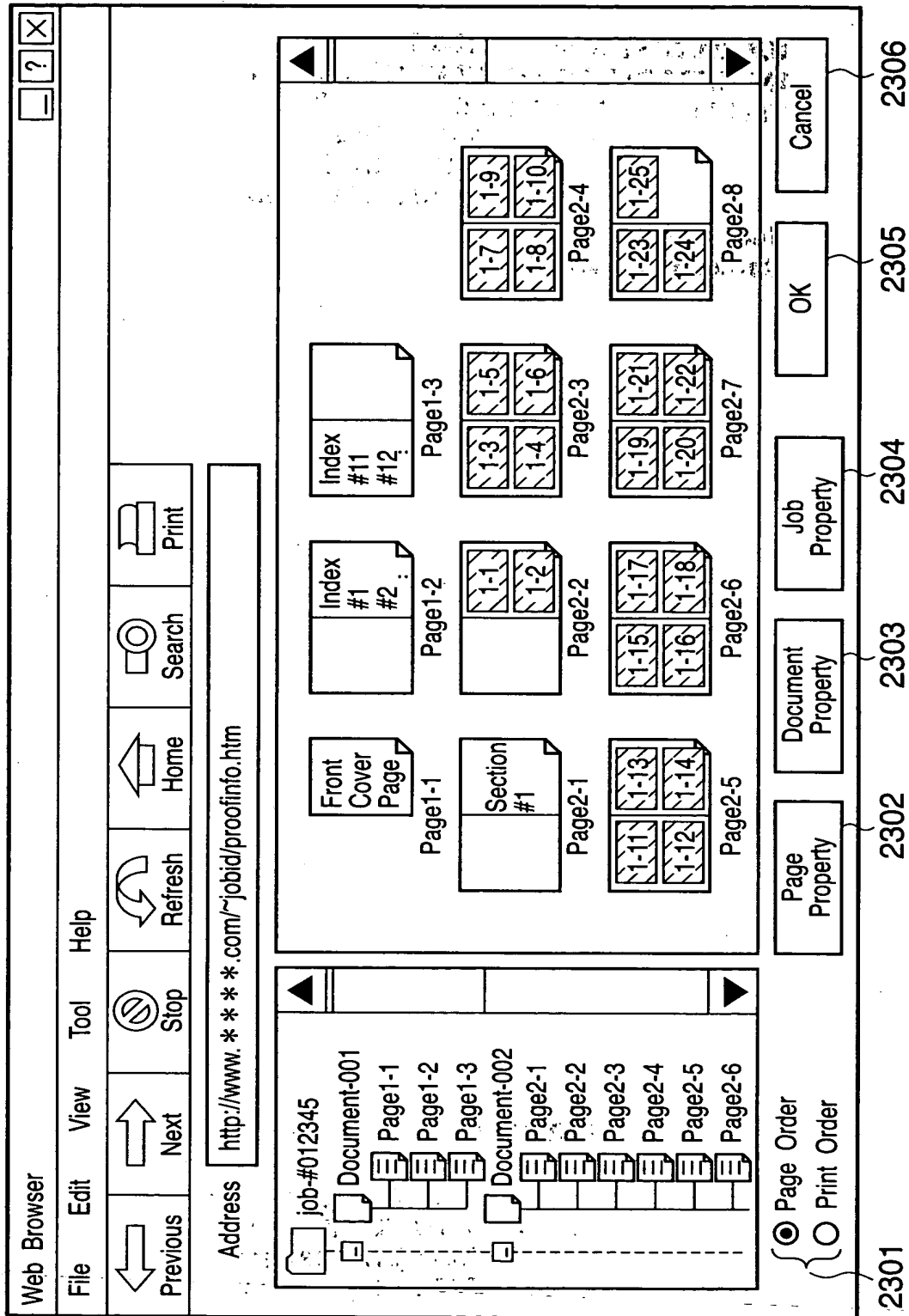
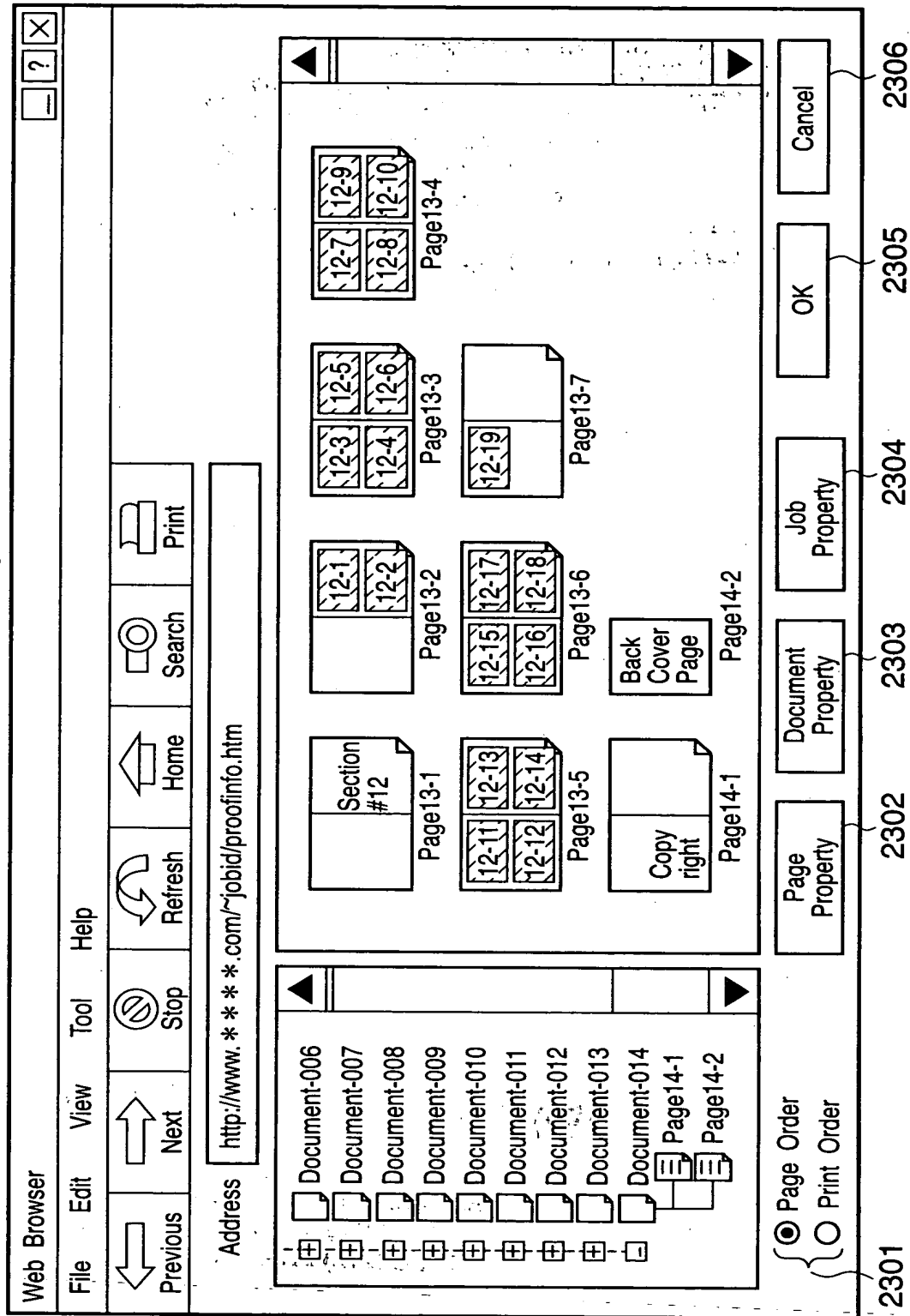
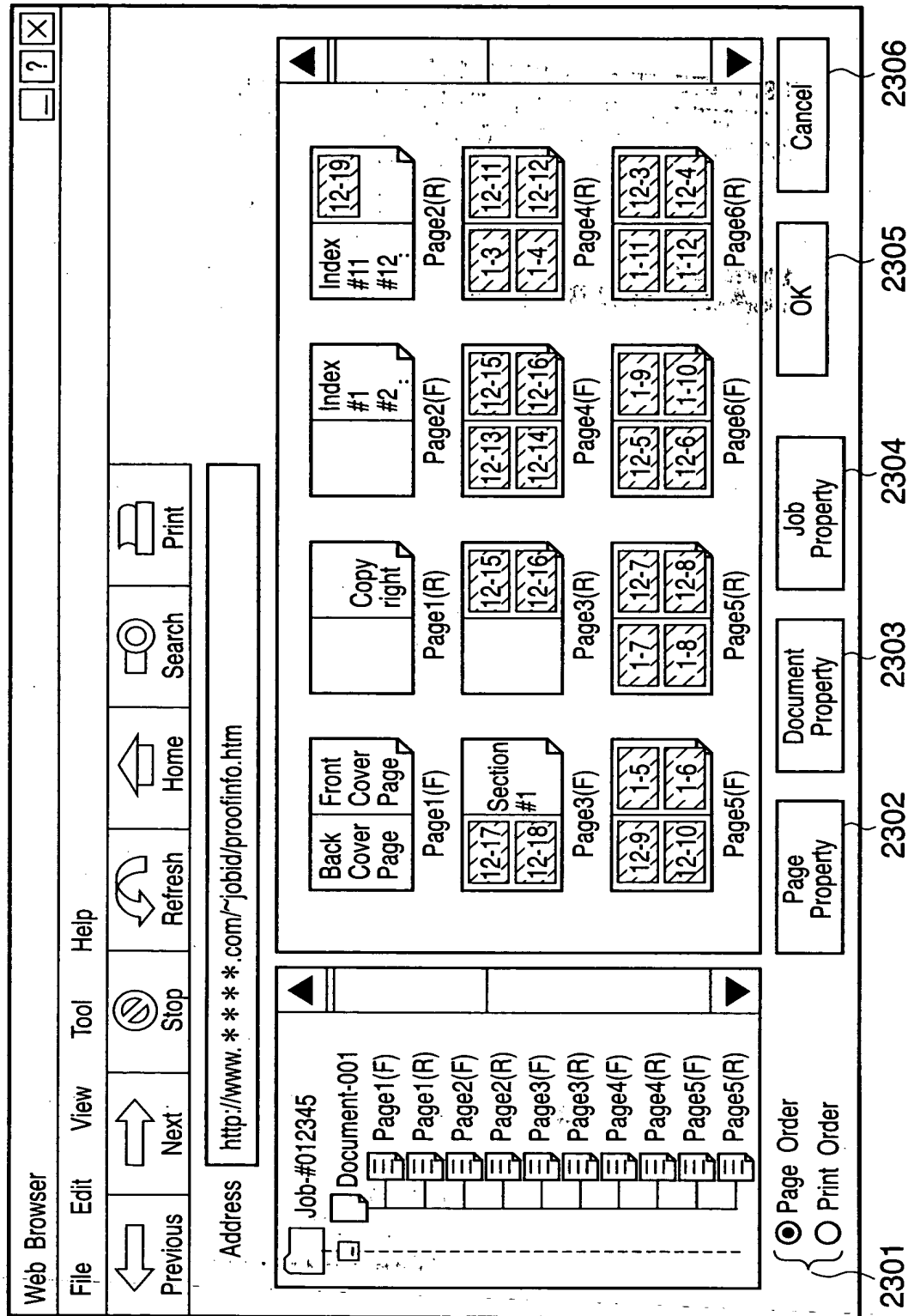




FIG. 33



# FIG. 34



# FIG. 35

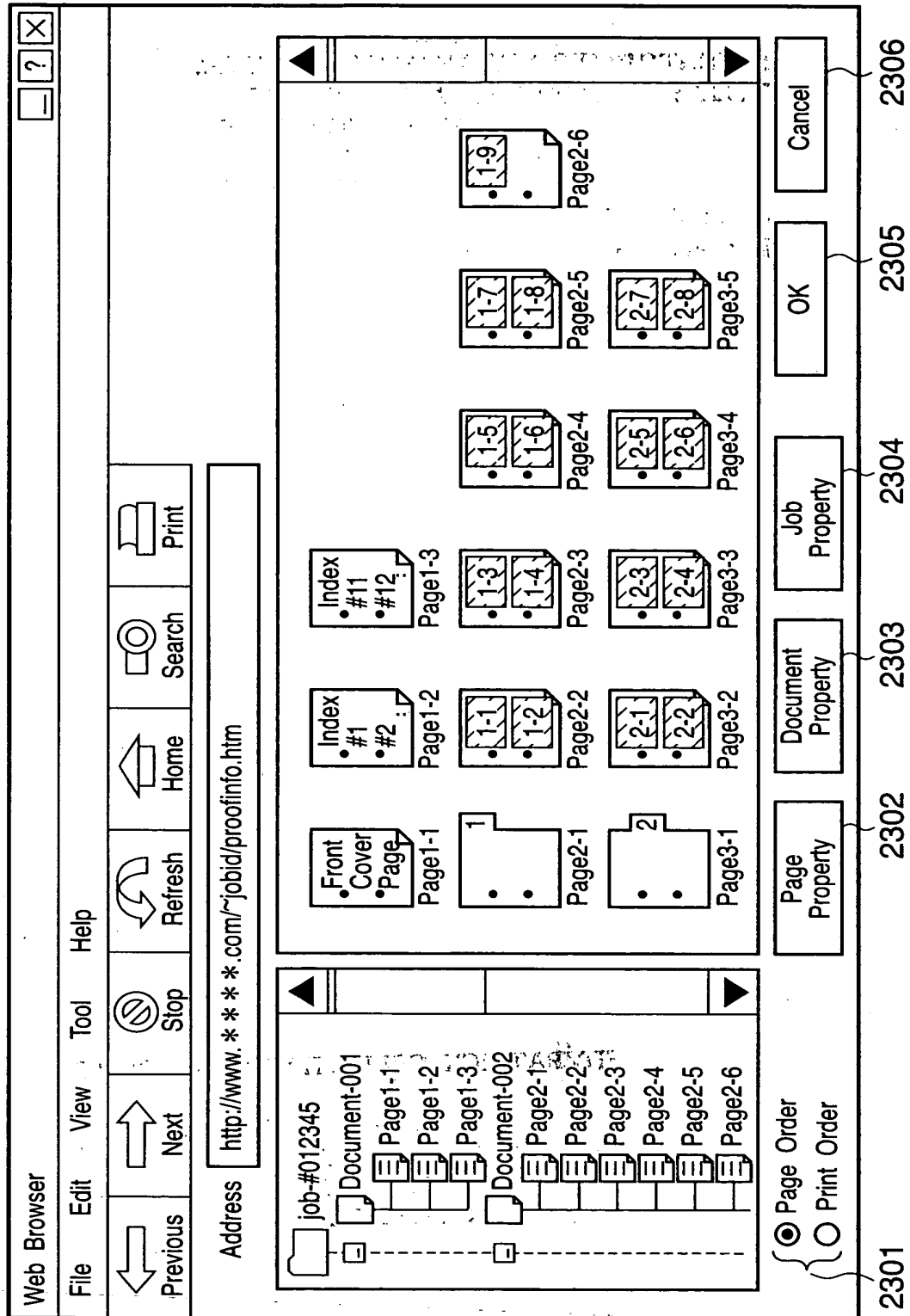
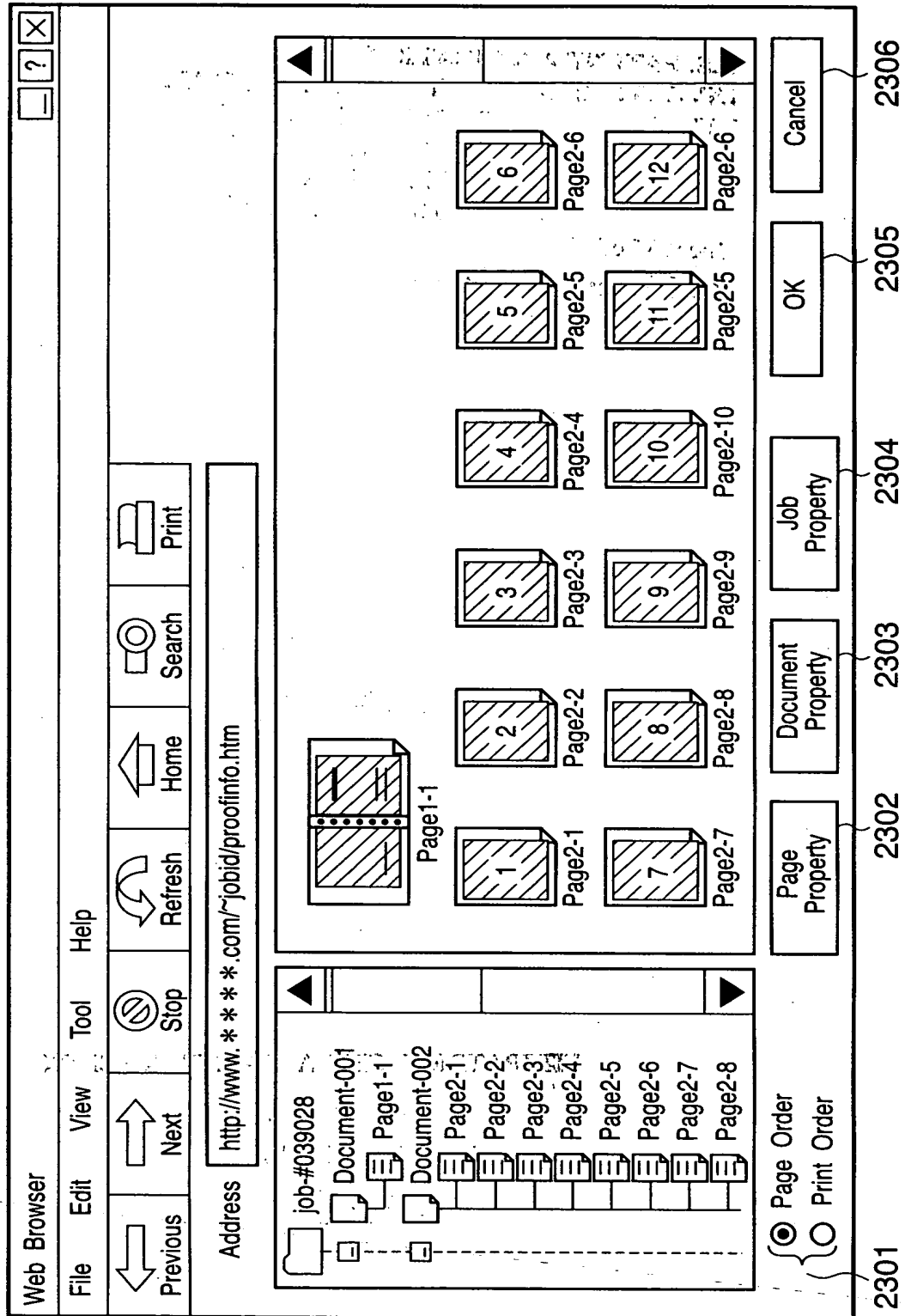


FIG. 36



# FIG. 37

Web Browser

File

Edit

View

Tool

Help

Previous

Next

Stop

Refresh

Home

Search

Print

Address

http://www.\*\*\*.com/~userid/proofarchiveinfo.htm

2201

2202

2203

2204

2205

2206

Customer Info

Document Info

Job Info

Finishing Info

Proof & Archive

Delivery Info

Proof Printing :

ON

Methods :

☒ Thumbnail on web site ~2221

☒ PDF file on ftp site ~2222

☐ PDF file by E-mail (less than 1MB) ~2223

☐ CD-ROM by post ~2224

☐ Print Output by Post ~2901

☐ Visit Customer Site ~2902

☐ Others ~2903

Comments :

Methods :

☒ PDL File
 ☒ Printer Ready File
 

Archive Directory :

Restore :

☐ Re-Print
 ☐ Re-RIP
 

Restore Job Number :

2207

2208

2209

2210

Detail

Previous

Next

Cancel

37/68

FIG. 38

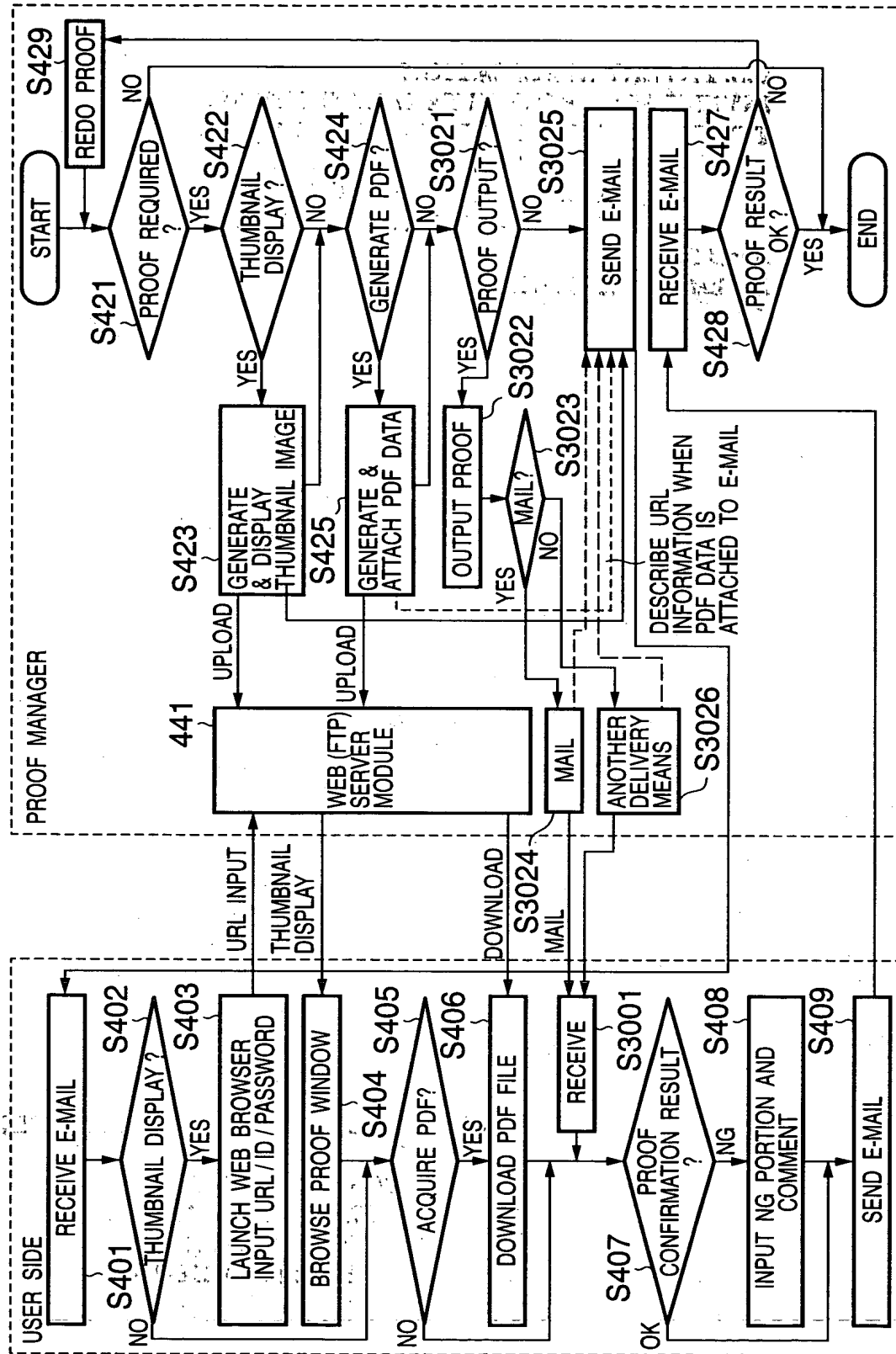
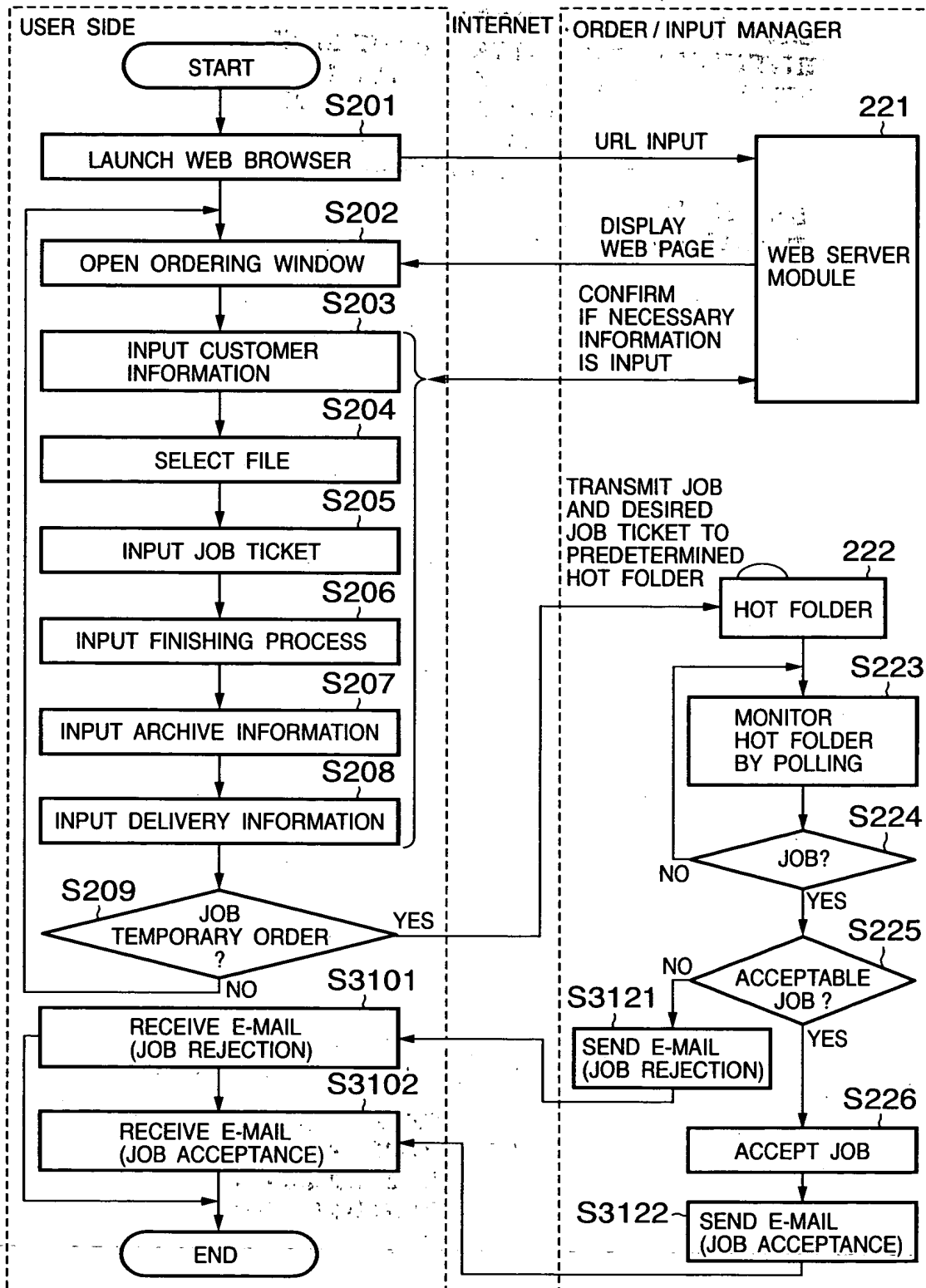


FIG. 39



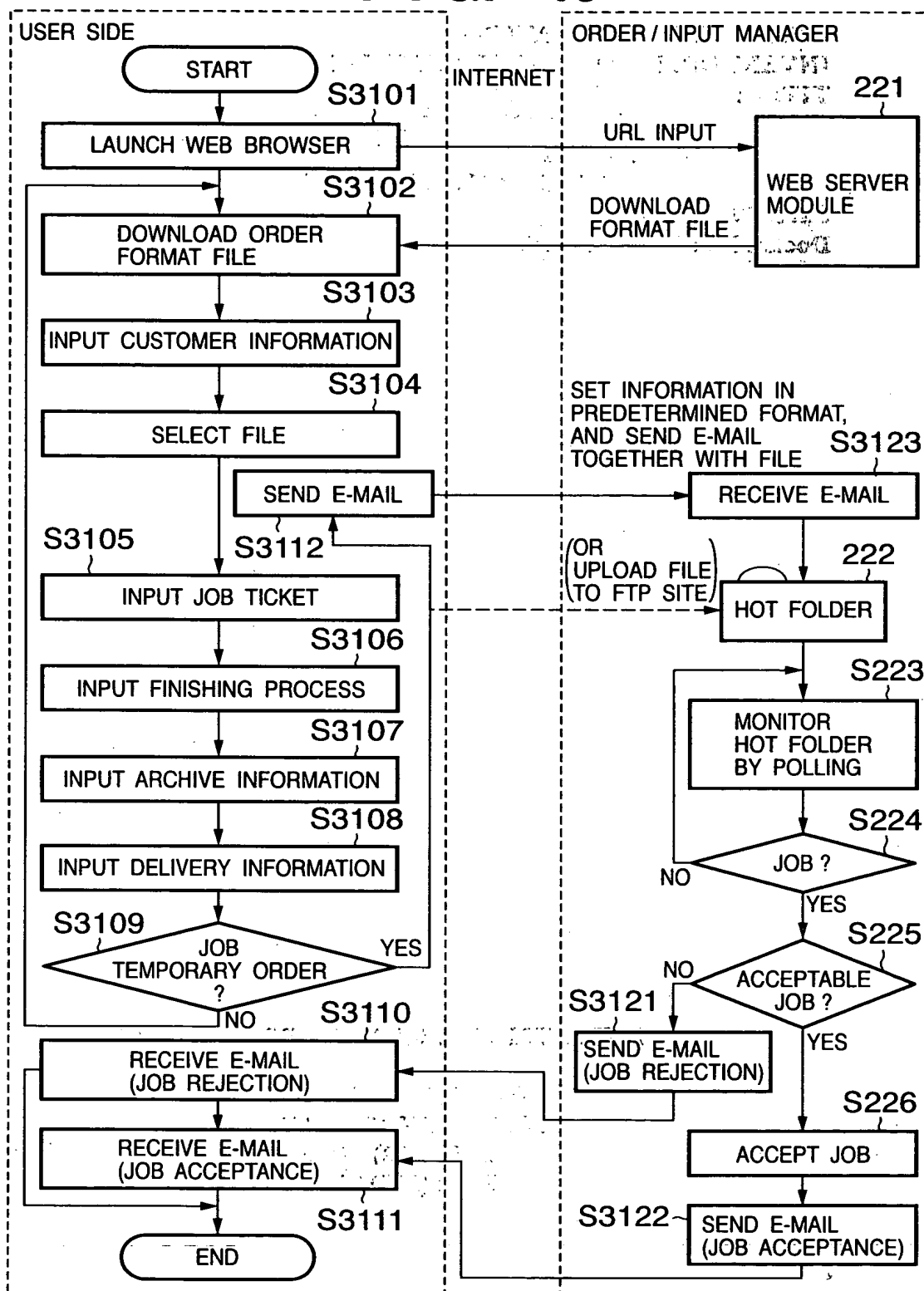
**FIG. 40**



FIG. 41

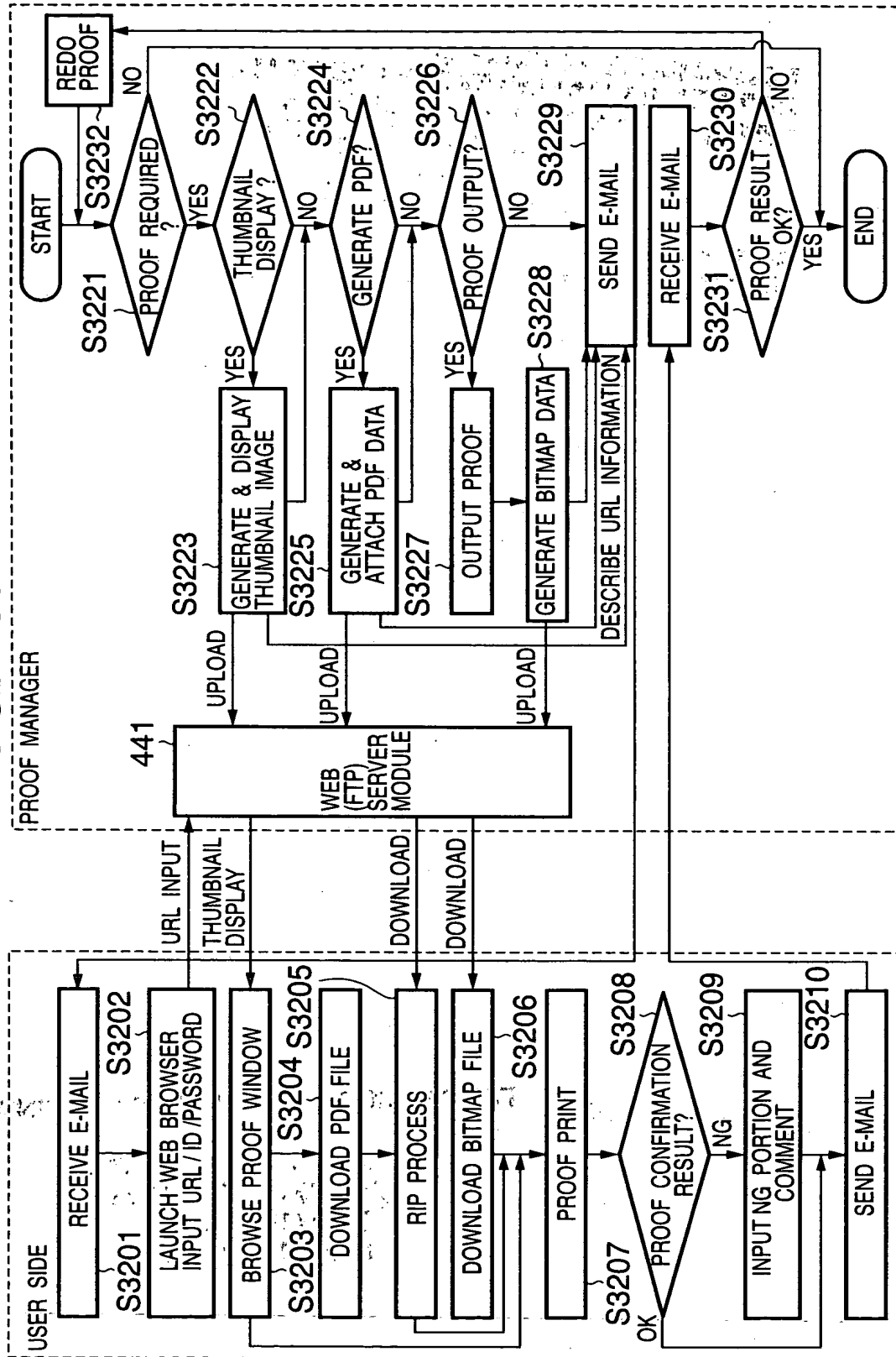




FIG. 43

Web Browser

File Edit View Tool Help

Previous Next Refresh Home Search Print

Address <http://192.168.100.111/MIS/Printing.htm>

Scheduling Ordering Editing Proofing Printing Finishing Archiving Delivering Scanning

Job Status

Device Status

Job Submit

Configuration

MFP104 Ready

MFP105a Ready

MFP105b Paper Jam

MFP105c Printing

Drawer 1

Drawer 2

Drawer 3

Drawer 4

Drawer 5

Drawer 6

Accessories

A4	500
LTR	300
11X17	200
A3	0
Stapler Feeder	

Detail

A4	1000
LTR	300
11X17	200
A3	450
A4	1000
LTR	800
Saddle, Stapler, Inserter	

Detail

A4	400
LTR	400
11X17	200
A3	100
A3	250
LTR	300
Saddle, Stapler	

Detail

A4	200
LTR	500
11X17	0
A3	300
A4	1000
LTR	700
Saddle, Stapler, Inserter	

Detail

2411 Job Status

2412 Device Status

2413 Job Submit

2414 Configuration

2421 MFP105c Printing

2432 MFP105b Paper Jam

2433 MFP105a Ready

FIG. 44

Web Browser

File Edit View Tool Help

Previous Next Stop Refresh Home Search Print

Address <http://192.168.100.111/MIS/Printing.htm>

Scheduling Ordering Editing Proofing Printing Finishing Archiving Delivering Scanning

2411

Job Status

2412

Device Status

2413

Job Submit

2414

Configuration

2441

Select Device

MFP104  
MFP105  
MFP104&105\_PageSplit  
MFP104&105b\_yCluster

2442

General

Job Management

Finishing

Image Quality

Color

2443

Print

2444

File Name : C : Dir-A - FileA.pdf

Job Ticket : Job Ticket-A1

Browse

Save

Save As...

2445

Copies : 1  
Paper Size : A4  
Paper Source : Auto  
Media Type : Plain Paper  
Duplex : Off  
Orientation : Printer's Default  
Rotate 180 : No  
First Page : Job's Source  
Page Order : Forward  
Page List : All  
Imposition : None  
Tab Shift : Default  
Tabbed Page :

2446

Reset

FIG. 45

Web Browser

File Edit View Tool Help

Previous Next Stop Refresh Home Search Print

Address <http://192.168.100.111/MIS/Printing.htm>

Scheduling Ordering Editing Proofing Printing Finishing Archiving Delivering Scanning

2411 Job Status

2412 Device Status

2413 Job Submit

2414 Configuration

2441

Select Device

MFP104  
MFP105  
MFP104&105\_PageSplit  
MFP104&105b\_yCluster

MFP 104 MFP 105  
General General  
Job Job  
Finishing Finishing  
IQ IQ  
Color Color

Print

File Name : C : Dir-A • FileA.pdf  
Job Ticket1 : Job Ticket-B1  
Job Ticket2 : Job Ticket-C1

Browse  
Save  
Save

Save As...  
Save As...

2444

Copies : 1  
Paper Size : A4  
Paper Source : Auto  
Media Type : Plain Paper  
Duplex : Off  
Orientation : Printer's Default  
Rotate 180 : No  
First Page : Job's Source  
Page Order : Forward  
Page List : All  
Imposition : None  
Tab Shift : Default  
Tabbed Page :

Reset

2445

2443

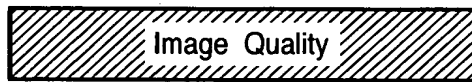
**FIG. 46****Job Management**

Job Priority :	Medium	▼
Job Management :	Save Job	▼
Reprint Management :	Delete Print Ready File	▼
Job Scheduling :	Print	▼
E-mail Notification :	Disabled	▼
E-mail Address :		
Annotation :	Disabled	▼
Annotation text :		

**FIG. 47**

Stapling :	Off	▼
Hole Punch :	Off	▼
Booklet :	Off	▼
Z-Fold :	Off	▼
Use Inserter :	Off	▼
Insert Page :		
Banner Page :	Off	▼
Sorting :	Collate	▼
Trimmer :	Off	▼
Trim Offset :		

# FIG. 48



Sharpness :	Normal	▼
Brightness :	Normal	▼
Color Mode :	CMYK	▼
Toner Reduction :	Off	▼
Copier Mode :	Character	▼
Gloss Adjustment :	Standard	▼
Pure Black Text/Graphics :	Off	▼
Gloss Adjustment :	Off	▼
Force Black Overprint :	Off	▼
Gradation Smoothing :	Off	▼
Combine Separation :	Off	▼
Bits Per Pixel :	8	▼



**FIG. 49**

Linearization Profile :	MFP104, lud	▼
ICC Color Matching :	Enabled	▼
Rendering Intent :	Perceptual	▼
ICC CMYK Profile :	MFP104, icc	▼
ICC RGB Profile :	SWOP, icc	▼
Black Limit(0-255) :	SRGB, icc	▼
Black Limit(0-255) :	255	▼
Cyan Limit(0-255) :	255	▼
Magenta Limit(0-255) :	255	▼
Yellow Limit(0-255) :	255	▼
Total Limit(0-255) :	1020	▼

FIG. 50

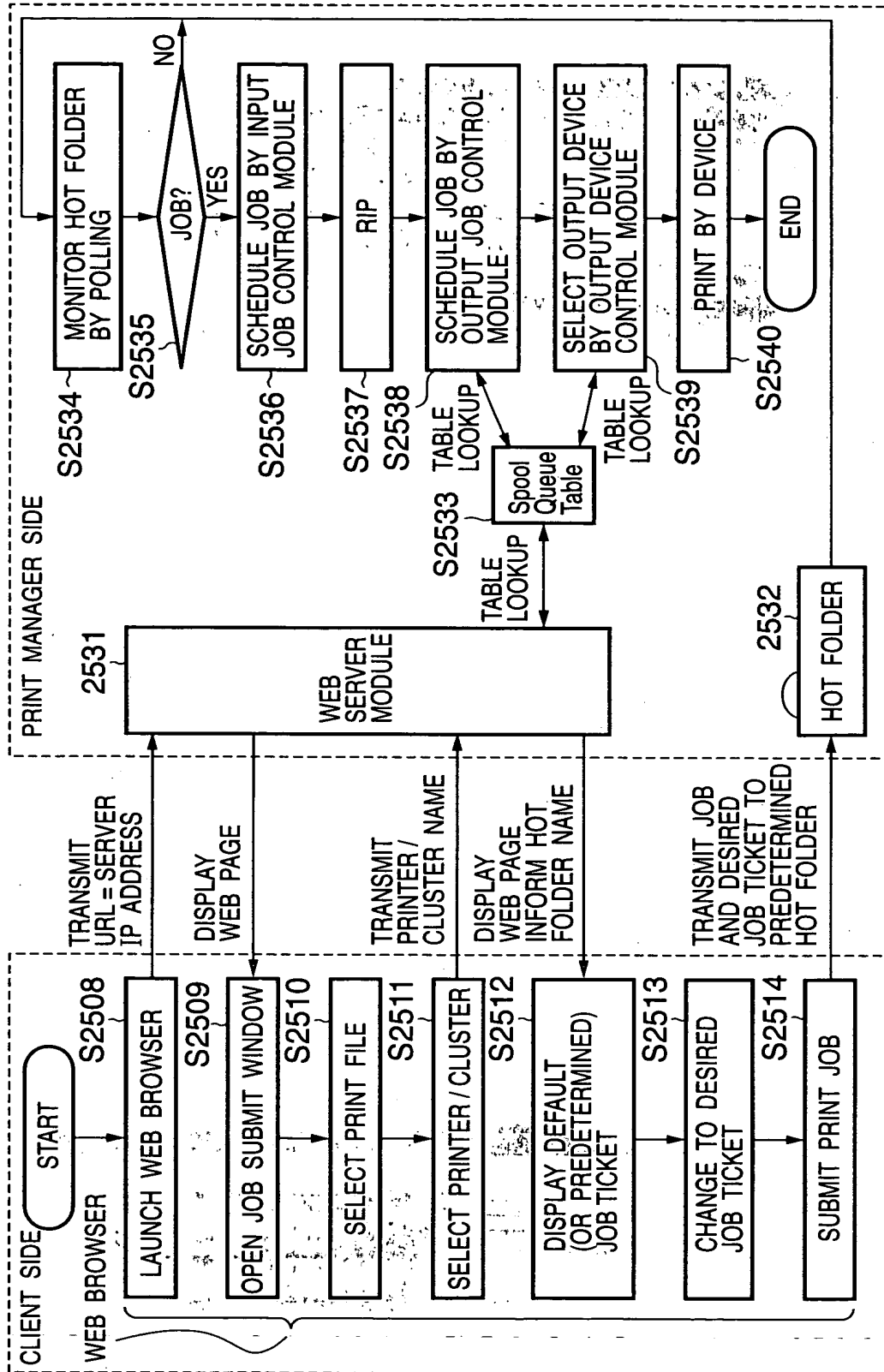


FIG. 51

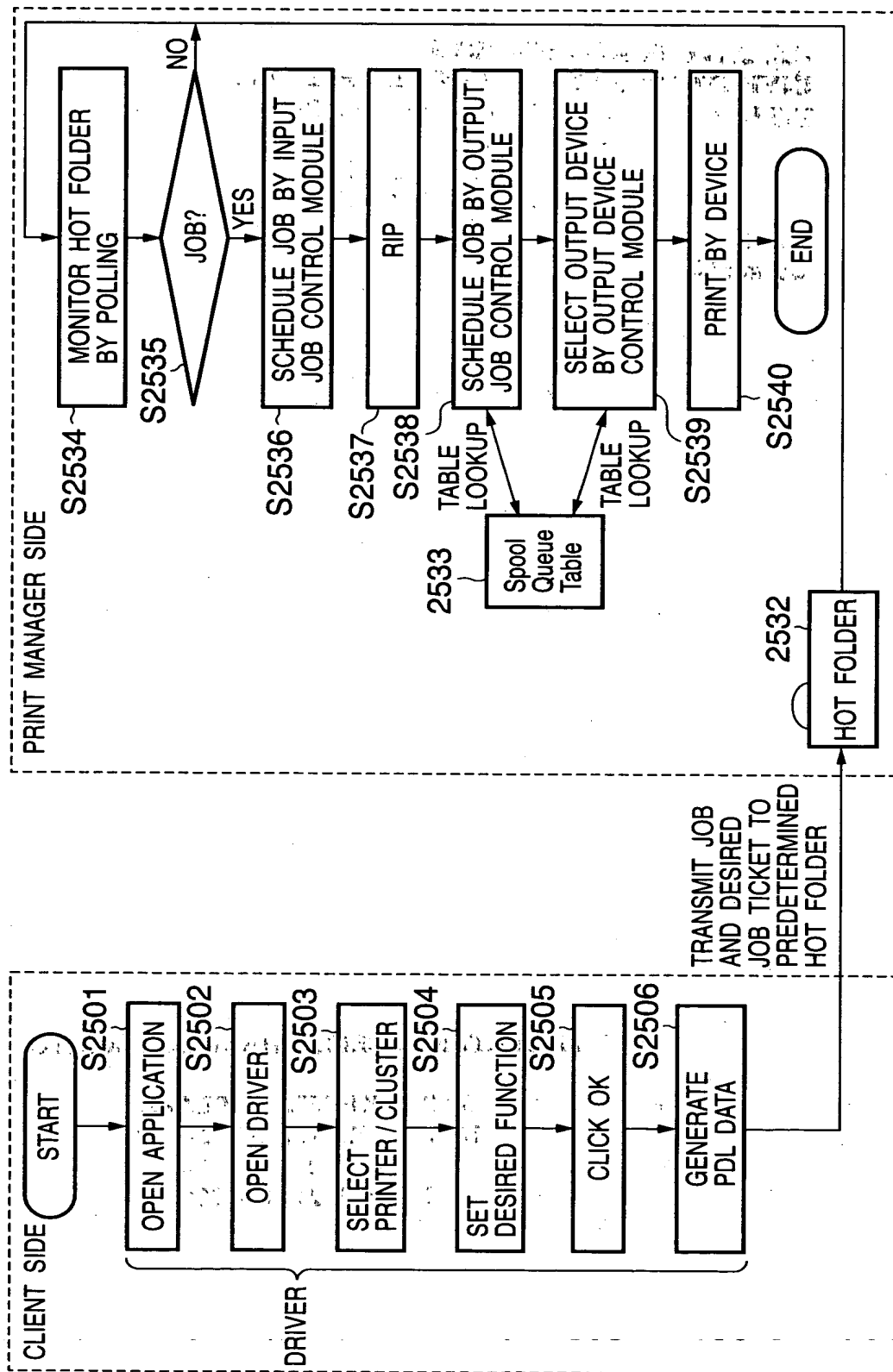
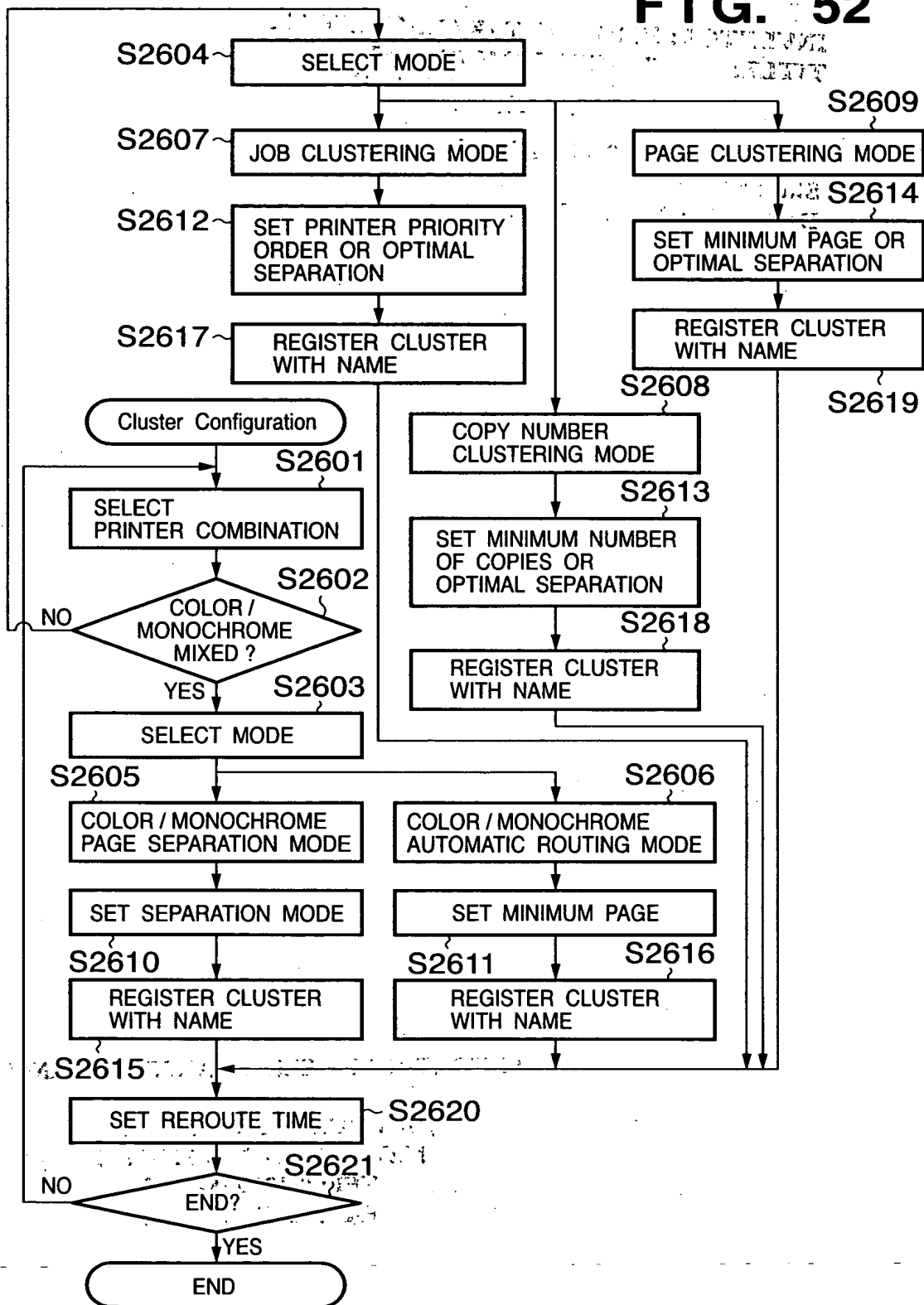
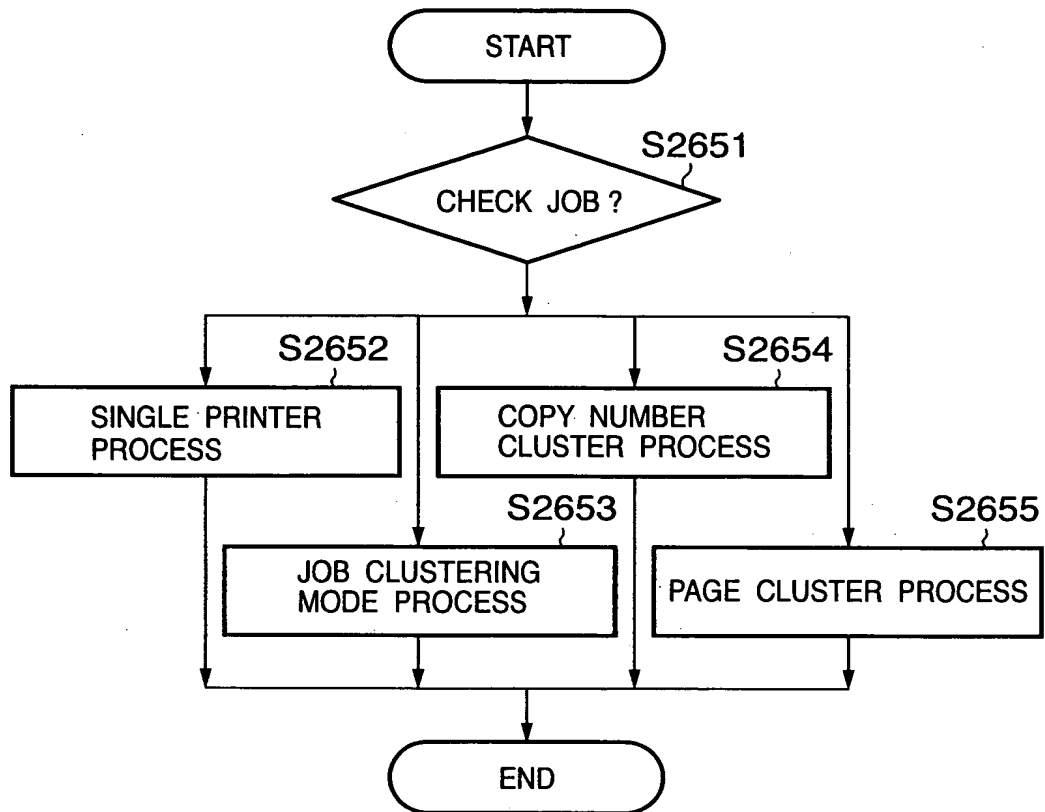


FIG. 52



**FIG. 53**

## FIG. 54

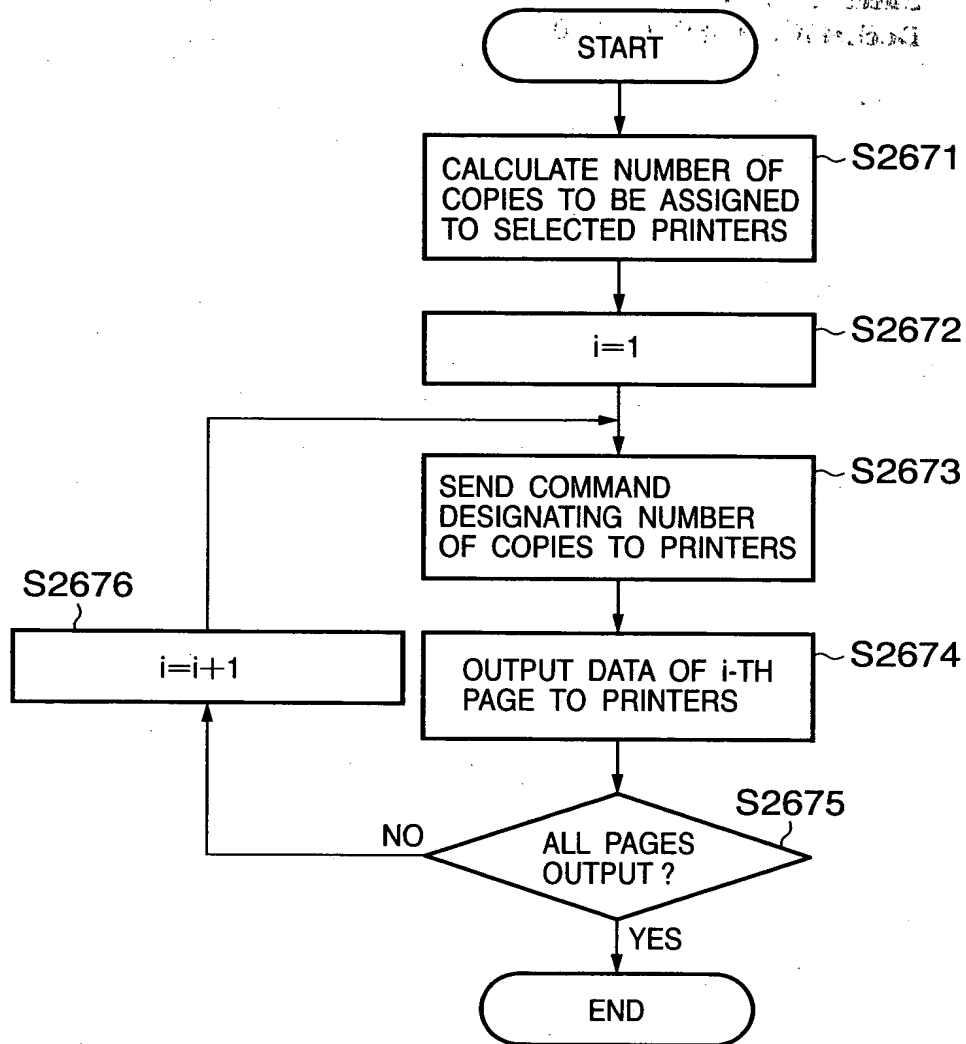


FIG. 55

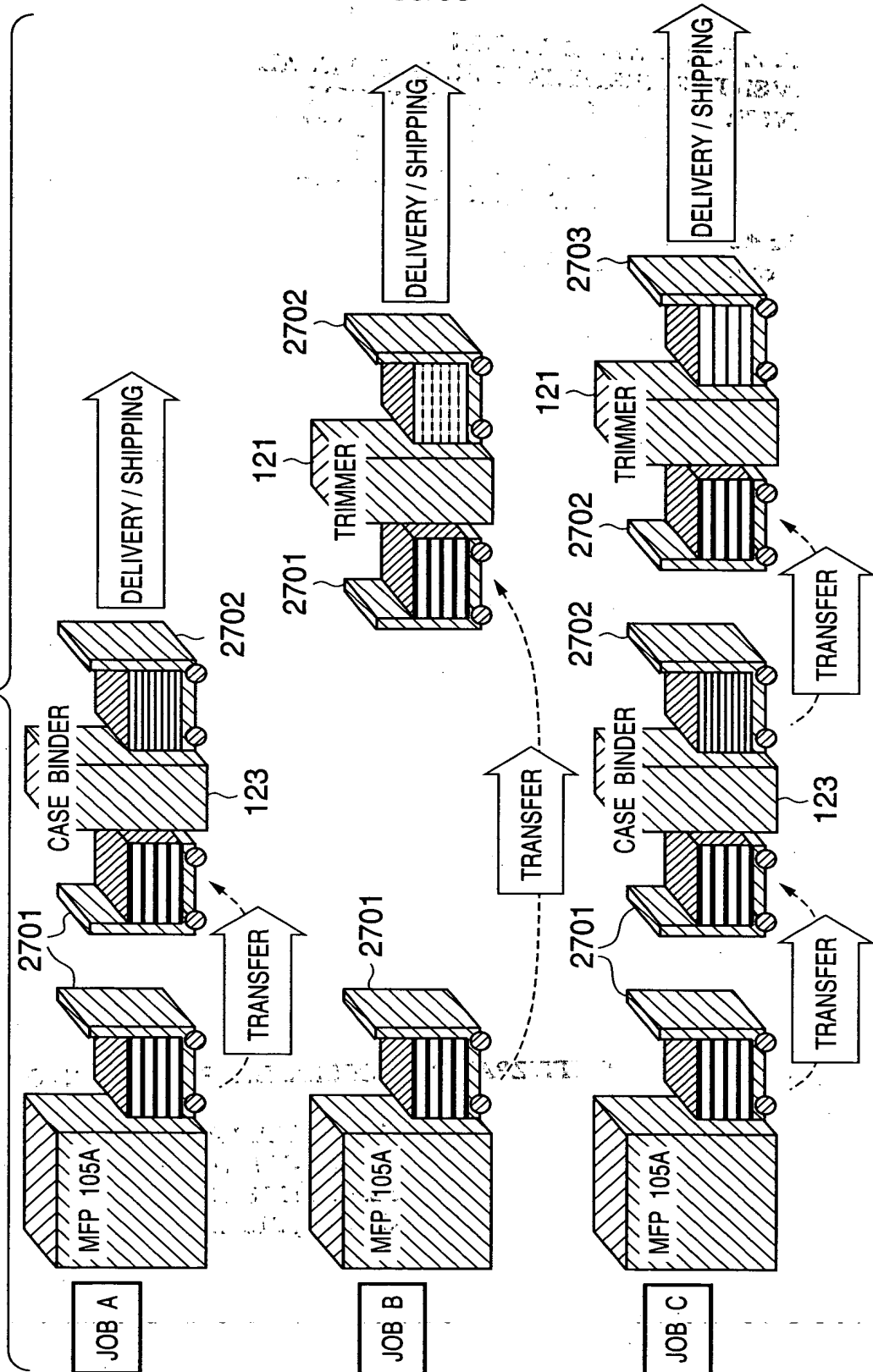


FIG. 56

2401

2811

2812

2813

2814

Web Browser

File Edit View Tool Help

Previous Next Refresh Home Search Print

Address <http://192.168.100.111/MIS/Printing.htm>

2402 2403 2404 2405 2406 2407 2408 2409

Scheduling Ordering Editing Proofing Printing Finishing Archiving Delivering Scanning

Job Status

Device Status

Job Submit

Configuration

Trimmer 121

Booklet Maker 122

Case Binder 123

Paper Folder 124

Mail Insertor 125

Collator 126

Ready

Ready

Ready

Working

Power Off

Paper Jam

Job Status

No	Control	Job Name	Printer	Status	Priority	Job ID
1	⊗	File-11	Fin-121	Waiting	High	#00152
2	⊗	File-12	Fin-123	Waiting	Low	#00151
3	⊗	File-13	Fin-126	Paper Jam	Medium	#00150
4	⊗	File-14	Fin-121	Waiting	Medium	#00149
5	⊗	File-15	Fin-123	Working	Medium	#00148

Job Status

No	Control	Job Name	Printer	Status	Priority	Job ID
1	⊗	File-R	Fin-123	Finishing	High	#00132
2	⊗	File-S	Fin-121	Cancelled	Low	#00131
3	⊗	File-T	Fin-121	Finished	Medium	#00130
4	⊗	File-U	Fin-123	Finished	Medium	#00129
5	⊗	File-V	Fin-122	Cancelled	Medium	#00128

Detail

Detail

Detail

Detail

Detail



FIG. 57

Web Browser

File

Edit

View

Tool

Help

Previous

Next

Stop

Refresh

Home

Search

Print

Address

http://192.168.100.111/MIS/Scheduling.htm

Scheduling

Ordering

Editing

Proofing

Printing

Finishing

Archiving

Delivering

Scanning

Create Job

Scheduling

Configuration

Job ID : #039028

Priority : ☒ Order #

☐ Delivery

☐ Cost

☐ Quality } ~2930

Ordering : Medium

Editing : Medium

Proofing : Medium

Printing : Medium

Finishing : Medium

Select Printer : MFP105a&105b\_CopyCluster

Step 1 : Finisher 123

Step 2 : Finisher 121

Step 3 : None

Step 4 : None

Step 5 : None

Step 6 : None

Archiving : Medium

Delivering : Medium

2401

2911

2912

2913

57/68

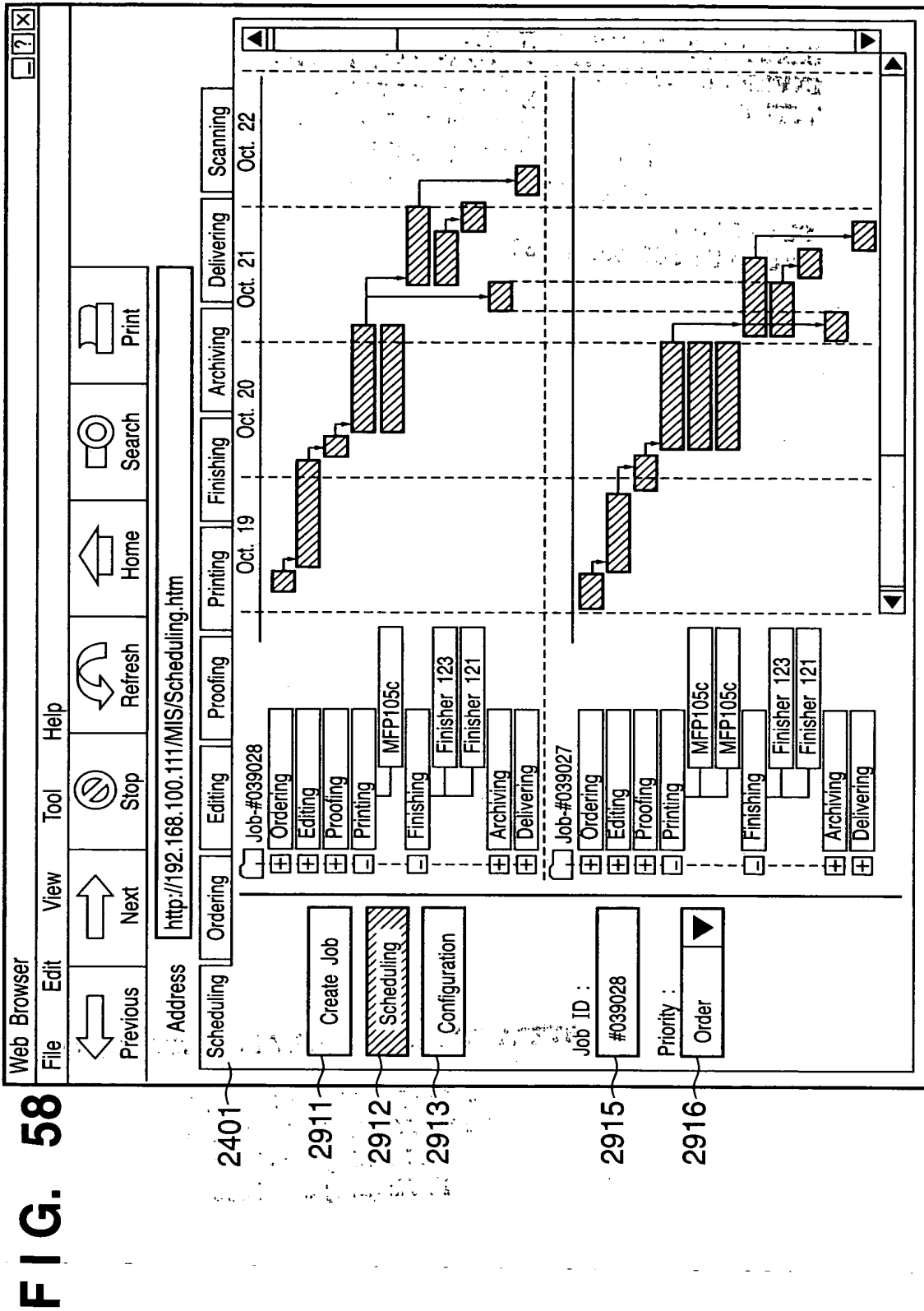


FIG. 59

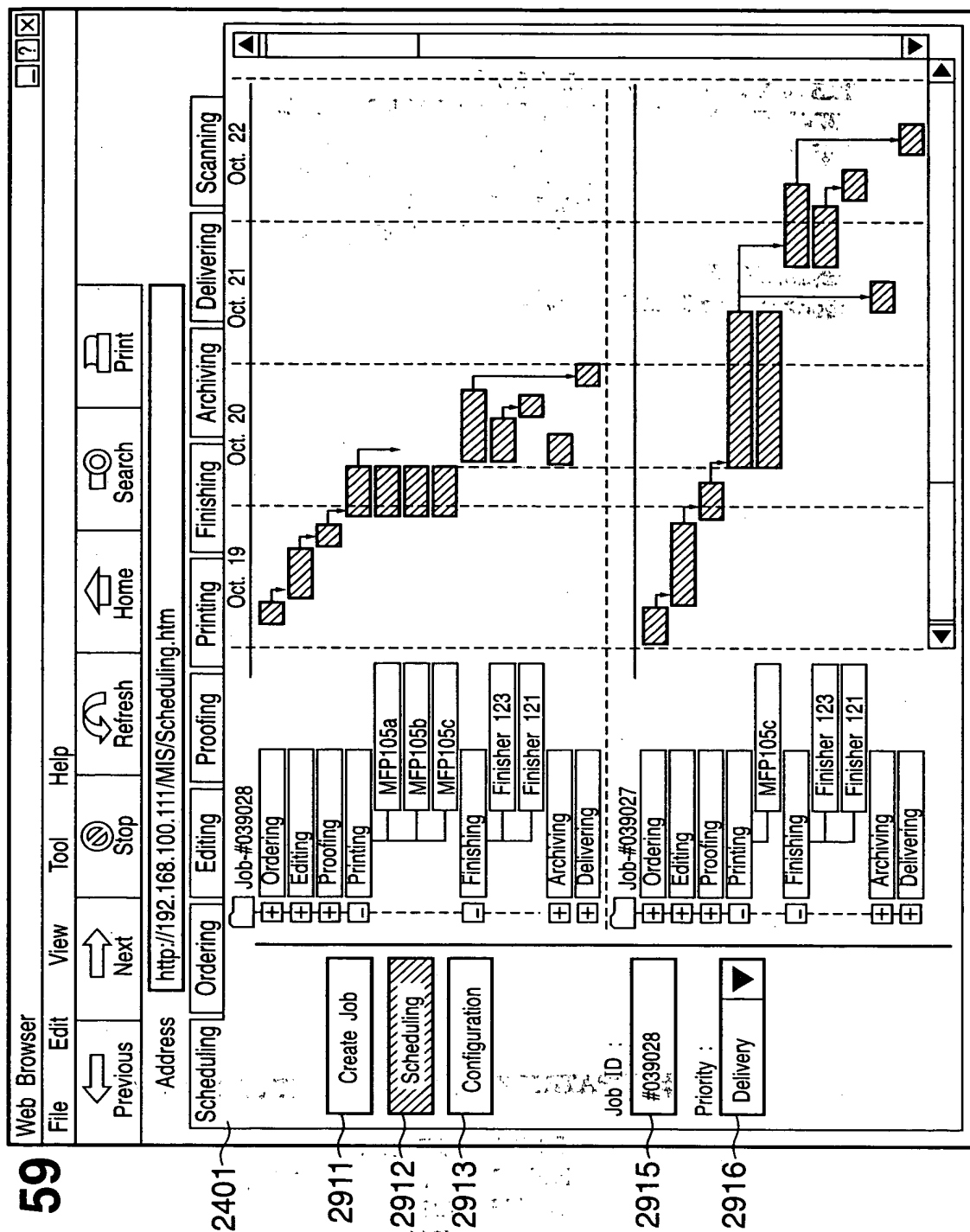


FIG. 60

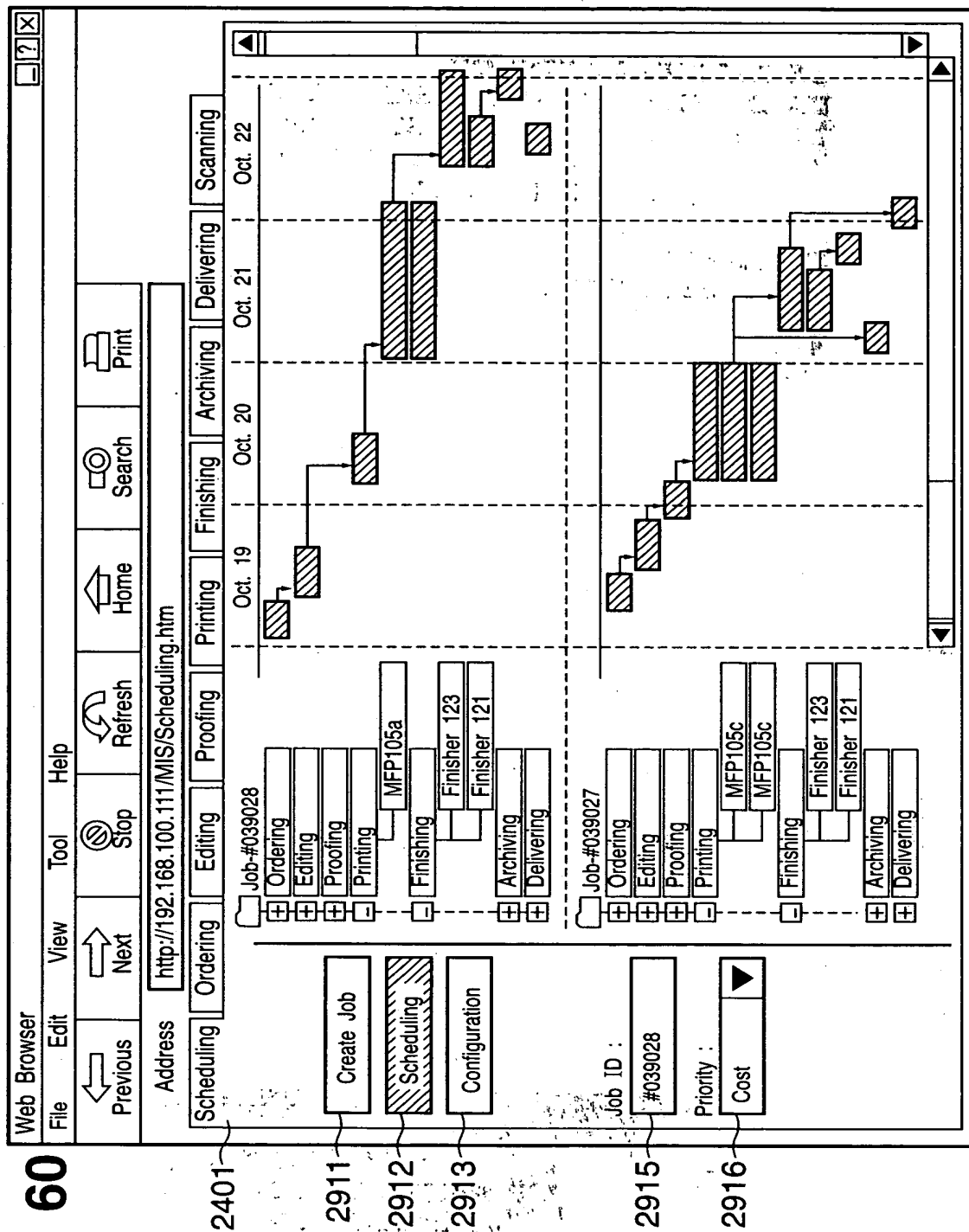
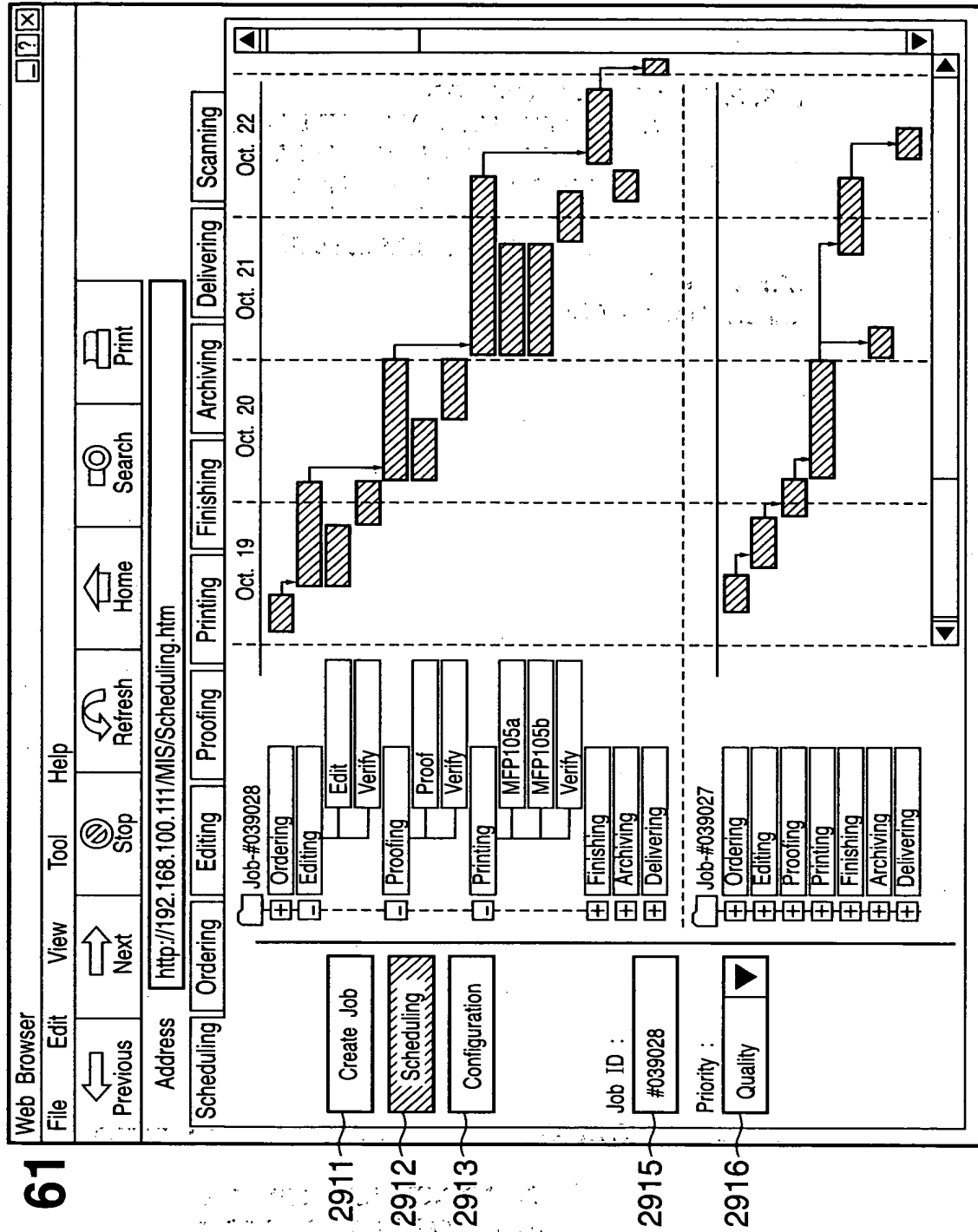


FIG. 61



## FIG. 62

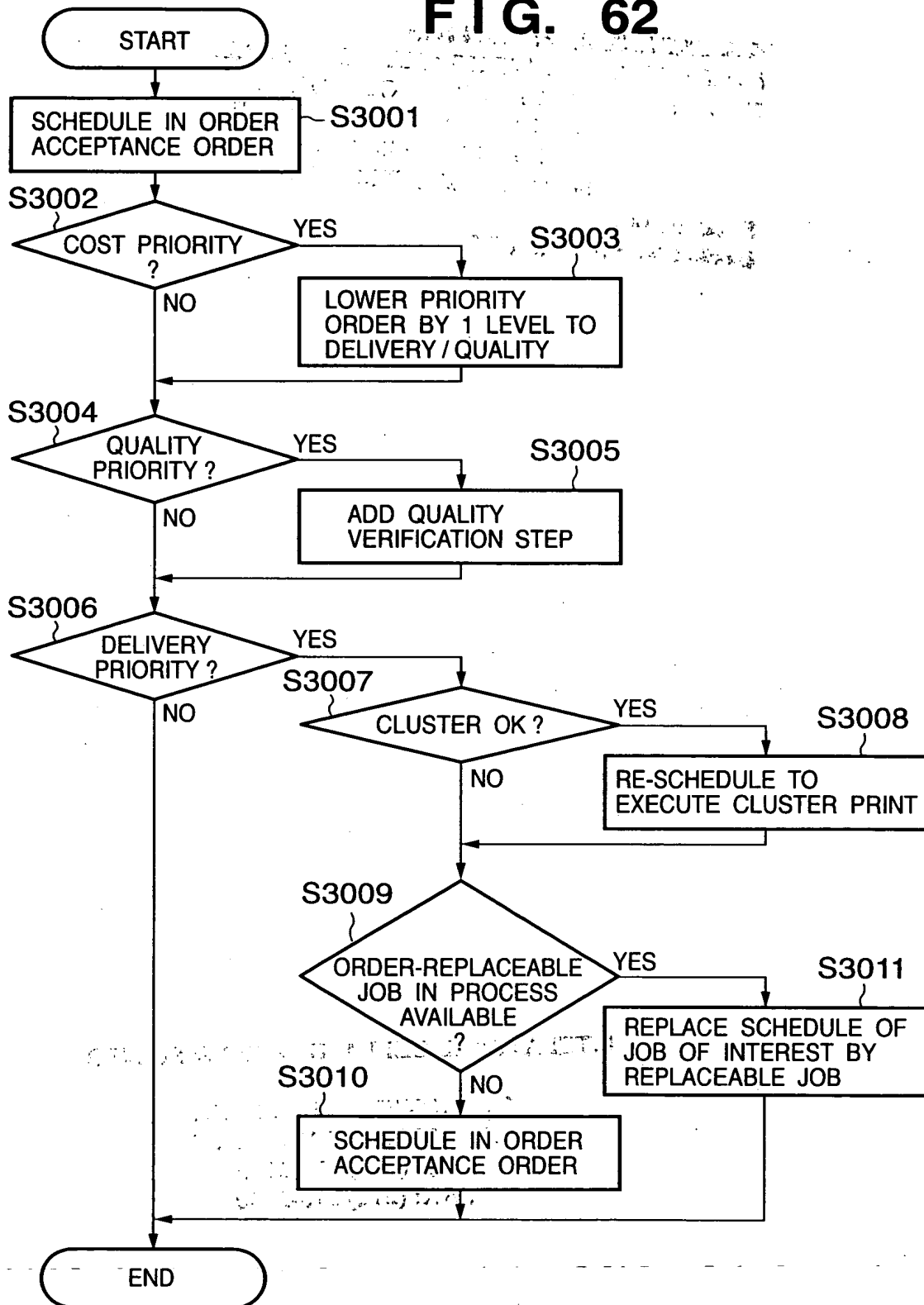
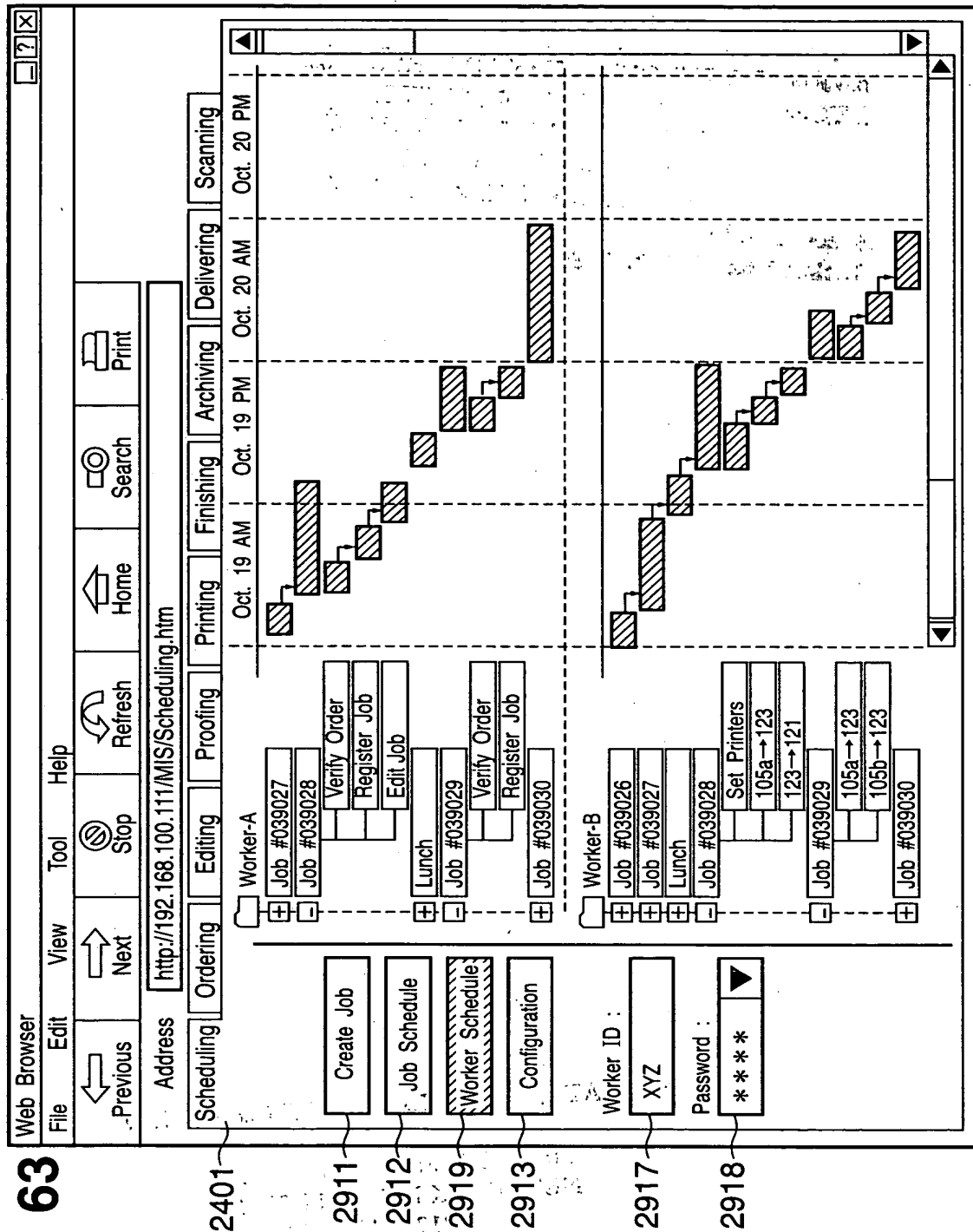


FIG. 63



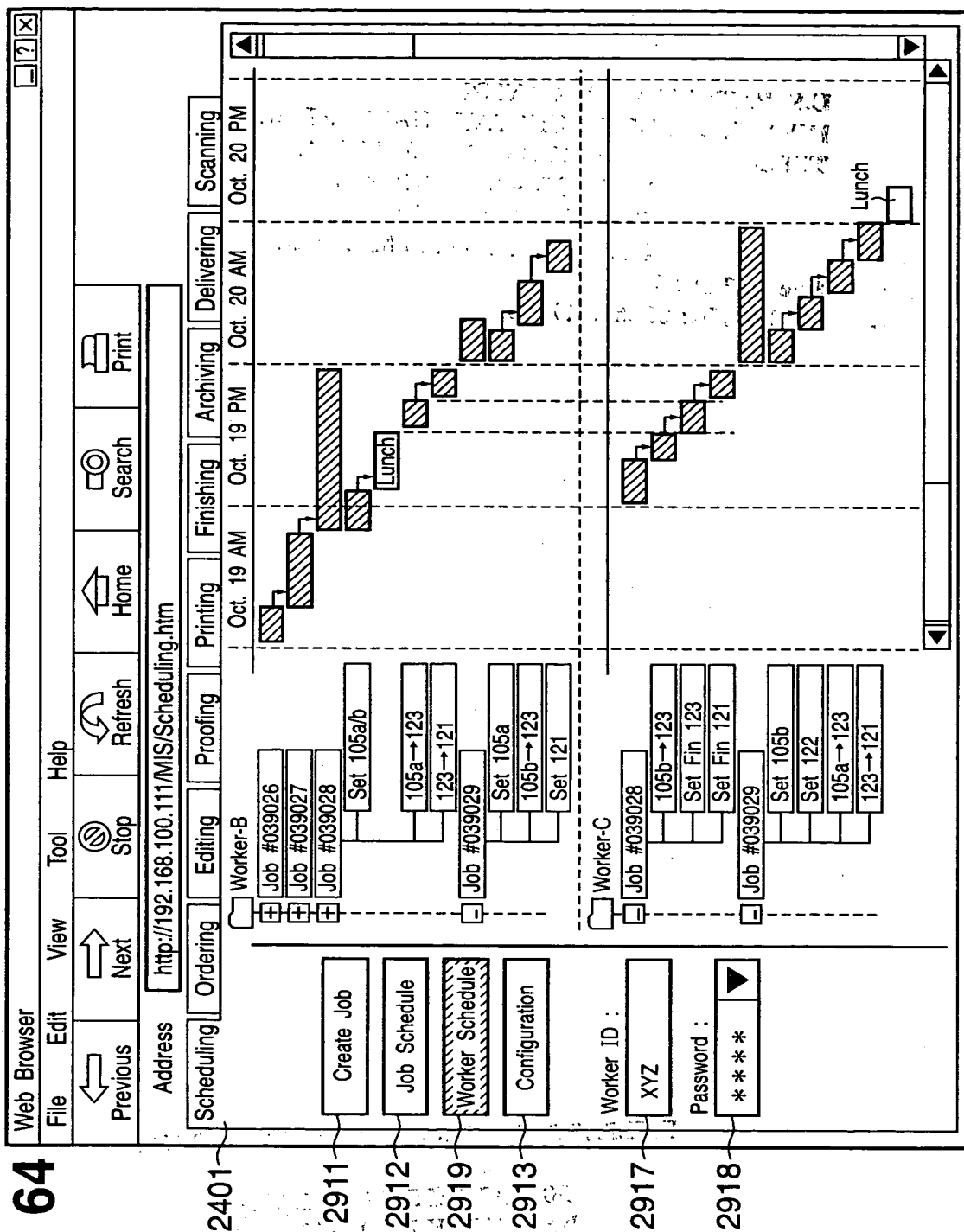
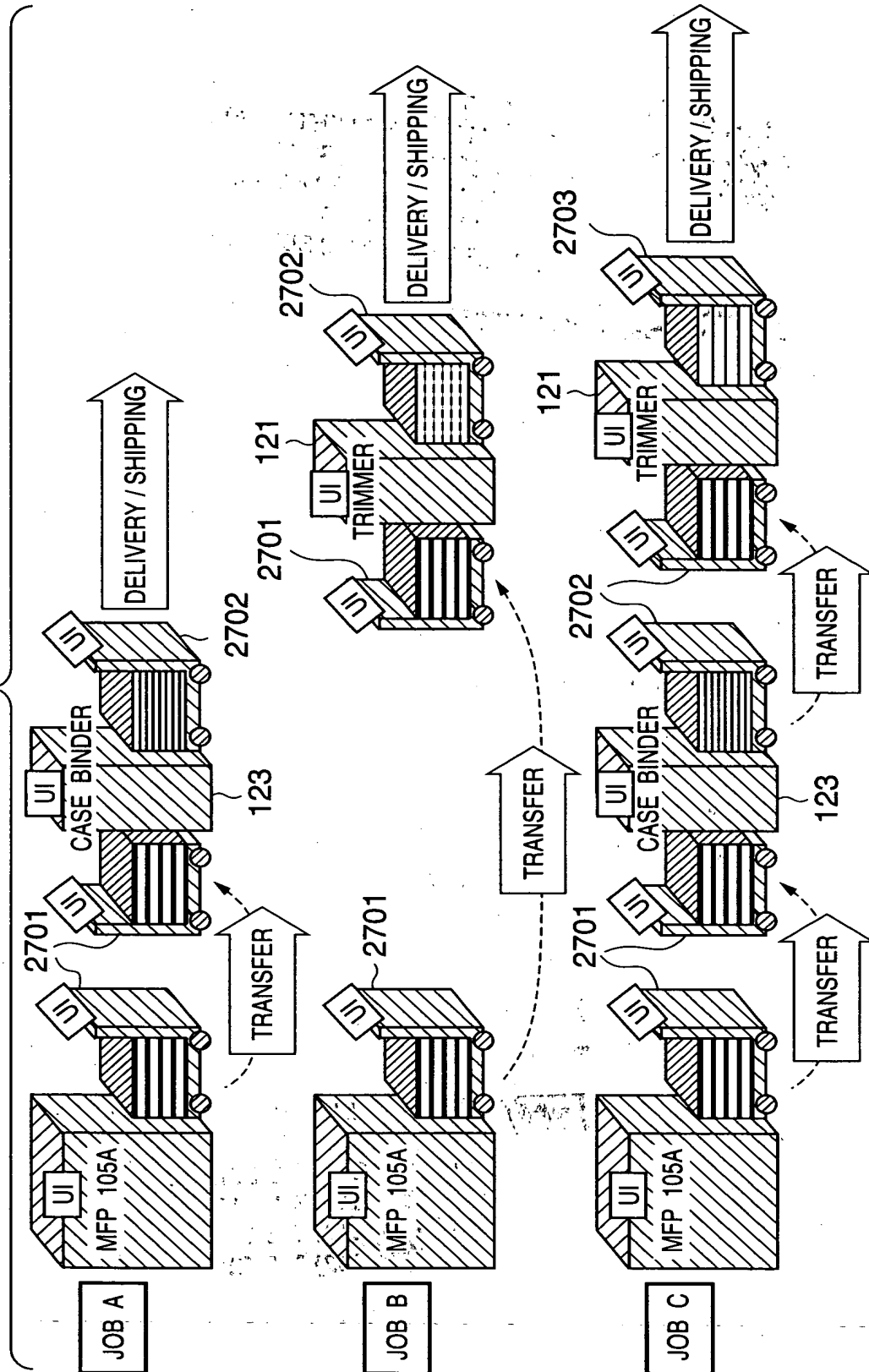




FIG. 65



# FIG. 66

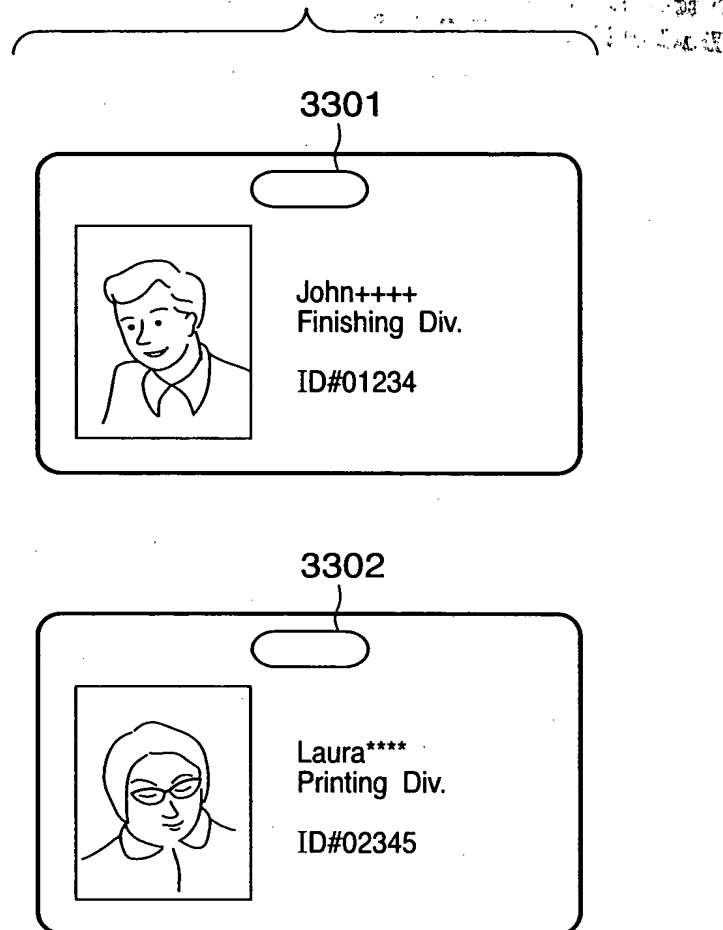
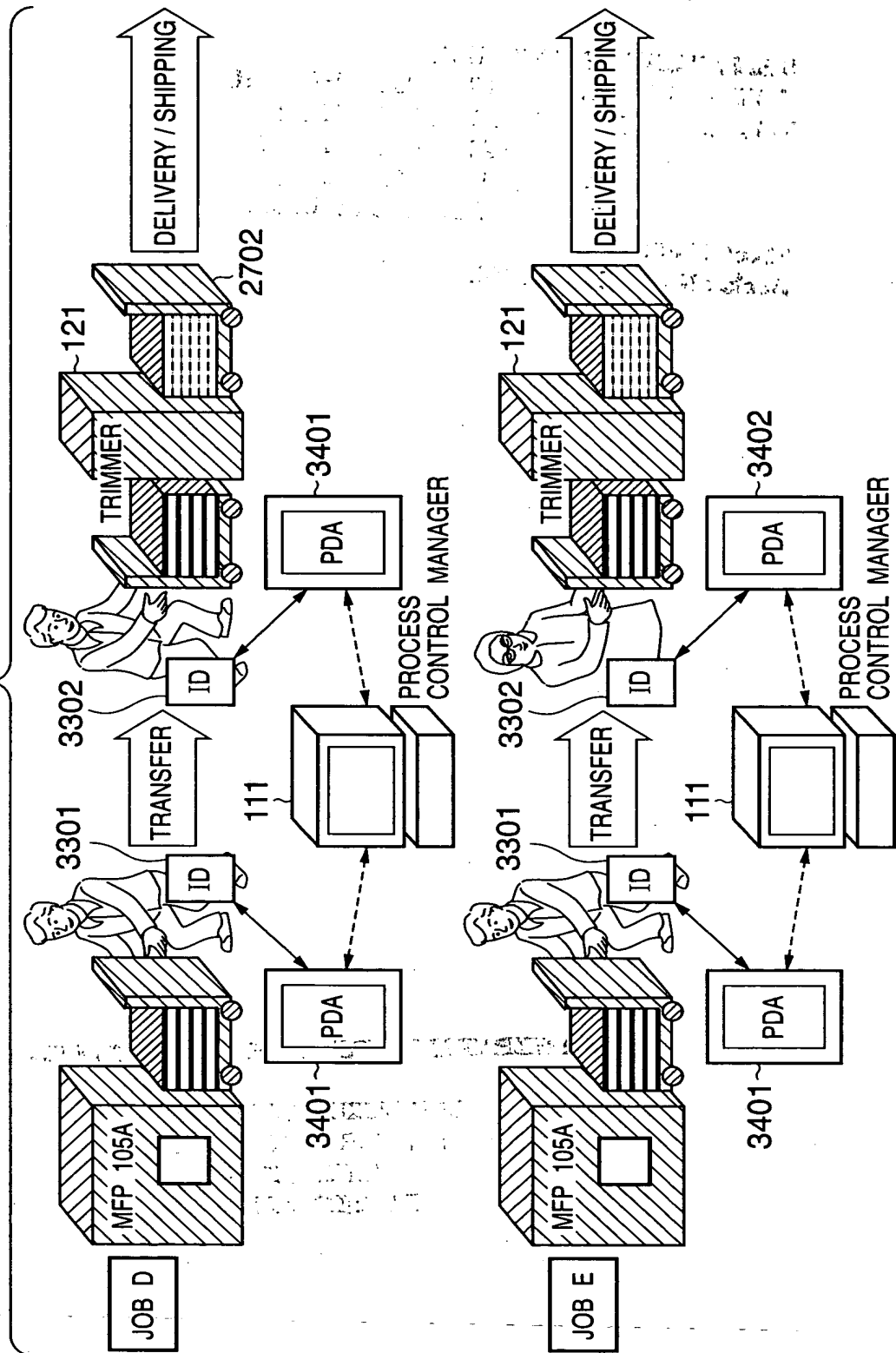


FIG. 67



**FIG. 68**

STORAGE MEDIUM-SUCH AS FD / CD-ROM, ETC

DIRECTORY INFORMATION
FIRST DATA PROCESSING PROGRAM PROGRAM CODE GROUP CORRESPONDING TO STEPS OF FLOW CHART SHOWN IN FIG. 2
SECOND DATA PROCESSING PROGRAM PROGRAM CODE GROUP CORRESPONDING TO STEPS OF FLOW CHART SHOWN IN FIG. 6
THIRD DATA PROCESSING PROGRAM PROGRAM CODE GROUP CORRESPONDING TO STEPS OF FLOW CHART SHOWN IN FIG. 38
FOURTH DATA PROCESSING PROGRAM PROGRAM CODE GROUP CORRESPONDING TO STEPS OF FLOW CHART SHOWN IN FIG. 39
FIFTH DATA PROCESSING PROGRAM PROGRAM CODE GROUP CORRESPONDING TO STEPS OF FLOW CHART SHOWN IN FIG. 40
SIXTH DATA PROCESSING PROGRAM PROGRAM CODE GROUP CORRESPONDING TO STEPS OF FLOW CHART SHOWN IN FIG. 41
SEVENTH DATA PROCESSING PROGRAM PROGRAM CODE GROUP CORRESPONDING TO STEPS OF FLOW CHART SHOWN IN FIG. 50
EIGHTH DATA PROCESSING PROGRAM PROGRAM CODE GROUP CORRESPONDING TO STEPS OF FLOW CHART SHOWN IN FIG. 51
NINTH DATA PROCESSING PROGRAM PROGRAM CODE GROUP CORRESPONDING TO STEPS OF FLOW CHART SHOWN IN FIG. 52
10TH DATA PROCESSING PROGRAM PROGRAM CODE GROUP CORRESPONDING TO STEPS OF FLOW CHART SHOWN IN FIG. 53
11TH DATA PROCESSING PROGRAM PROGRAM CODE GROUP CORRESPONDING TO STEPS OF FLOW CHART SHOWN IN FIG. 54
12TH DATA PROCESSING PROGRAM PROGRAM CODE GROUP CORRESPONDING TO STEPS OF FLOW CHART SHOWN IN FIG. 62

MEMORY MAP OF STORAGE MEDIUM